



## DEPARTMENT OF FISH AND GAME

1416 Ninth Street  
Sacramento, CA 95814  
<http://www.dfg.ca.gov>



(916) 327-8840

June 23, 2000

To All Parties Interested in Fishery Restoration Work:

You have received this Request for Proposals (RFP) for the California Coastal Salmon Recovery Program (CCSRP) containing information for submitting fishery restoration proposals because of your potential interest in this work, or because you requested the material in response to an advertisement in the State Contracts Register.

This document includes the deadlines and format required when submitting proposals, the process used by the Department of Fish and Game (DFG) in evaluating proposals, and prospective sources for project funding. Proposals are due **August 11, 2000**.

Due to the complexities of contracting or granting dollars, this document requires careful reading. If you have submitted a proposal in response to the recent (due date May 5, 2000) Fishery Restoration Grants RFP, or if you submitted an unsuccessful proposal for the discretionary funding identified in the CCSR, you must resubmit a proposal in accordance with the provisions of the attached RFP. We encourage you to work closely with local DFG fishery and fish habitat specialists in developing proposals and highly recommend including appropriate DFG personnel early in your proposal process.

For further information, you may contact Mr. Michael Bird at (916) 327-8842 or Ms. Mary Brawner at (916) 327-8845.

Sincerely,

Larry Week, Acting Chief  
Native Anadromous Fish  
and Watershed Branch

Attachment

**CALIFORNIA DEPARTMENT OF FISH AND GAME  
NATIVE ANADROMOUS FISH AND WATERSHED BRANCH  
FISHERY RESTORATION GRANTS PROGRAM**

**CALIFORNIA COASTAL SALMON RECOVERY PROGRAM**

REQUEST FOR PROPOSALS (RFP) — RFP2000CCSRP

**JUNE 2000**

FINAL FILING (Postmark) DATE: **August 11, 2000**

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PLEASE NOTE THE DEADLINE FOR PROPOSAL SUBMISSION, August 11, 2000. THIS SHORT TIME PERIOD BETWEEN RELEASE OF THIS REQUEST AND THE PROPOSAL DUE DATE WAS NECESSITATED BY THE URGENCY OF RESTORING ANADROMOUS FISH POPULATIONS IN COASTAL STREAMS WITH FUNDS ONLY RECENTLY MADE AVAILABLE.

## SECTION I

### GENERAL INFORMATION

#### IMPORTANT NOTICE AFFECTING ALL PROPOSALS

**This request for proposals (RFP) does not address or authorize incidental take of listed anadromous salmonids that may result from the implementation of any project funded through this RFP.**

Sponsors of approved grants projects are responsible for obtaining all necessary State or Federal permits, including permits that may be required for potential incidental take of species protected under the Endangered Species Act of 1973 or the California Endangered Species Act, prior to undertaking project work. No funds will be authorized for work undertaken before all necessary permits have been obtained, and the lead agency has determined there has been compliance with the California Environmental Quality Act (CEQA).

#### CALIFORNIA COASTAL SALMON RECOVERY PROGRAM (CCSRP)

The Department of Fish and Game (DFG) is pleased to introduce the California Coastal Salmon Recovery Program. This new program provides major new funding, including substantial new funding for competitive projects to restore anadromous salmonids in coastal watersheds. Program funds for the 2000/2001 fiscal year (FY) (beginning July 1, 2000) are expected to become available soon. **DFG EXPECTS TO DISBURSE FUNDS, ONCE AVAILABLE, THROUGH GRANTS OR CONTRACTS, FOR RESTORATION WORK IN COASTAL DRAINAGES FROM THE OREGON TO MEXICAN BORDERS, EXCLUDING THE CENTRAL VALLEY UPSTREAM FROM THE CARQUINEZ BRIDGE.** Procedures for submitting restoration project proposals to DFG for funding consideration, and a description of the project selection process are provided herein. **Project sponsors are advised to read this RFP carefully and ensure that proposals meet all necessary requirements. Proposals not in compliance with RFP requirements will not be considered for funding consideration and project sponsors so notified.**

#### Anticipated Program Funding for Competitive Projects in FY 2000/2001

Approximately \$15,500,000 may be available for competitive agreements under this RFP in FY 2000/2001. This total includes up to \$6,018,732 in funds made available to the State of California, through a grant from the National Marine Fisheries Service (NMFS), and up to \$9.0 million in matching funds provided under the Costa-Machado Water Act of 2000 (Proposition 13, enacted March 2000). Availability of funding is subject to approval by NMFS of the application for grant funds, on State legislative authorization for receipt and disbursement of those funds, and on State legislative authorization for expenditure of Proposition 13 funds. **DFG anticipates that all these actions will be completed soon, but project sponsors are advised that no funding for projects can be disbursed until that time.**

#### Disbursement of Funds

Funds disbursed under this RFP will be in accordance with the Memorandum of Understanding (MOU) among DFG, the Resources Agency, and NMFS (Appendix D), and applicable State and Federal law. All agreements are subject to availability of funds and all applicable State and Federal fiscal requirements. This RFP describes proposal evaluation and approval processes in detail. Project sponsors are again advised to read this entire document carefully.

Under Fish and Game Code section 1501.5 (Appendix E), DFG may: 1) grant funds for fish and wildlife habitat preservation, restoration, and enhancement to public agencies, Indian tribes, and nonprofit entities with specified restrictions, or 2) contract with public and private entities for fish and wildlife habitat preservation, restoration, and enhancement. Such contracts, subject to limitations, are contracts for services (as described in Public Contract Code sections 10335 – 10354) . DFG expects to disburse funds under this RFP through

grants and through contracts, as appropriate. Project selection processes for both methods of disbursement are described in the "Proposal Evaluation Process", Section V of this document.

### **General Criteria for Projects**

**All monies allocated under CCSRP for eligible projects shall be in furtherance of the goal of restoring anadromous salmonid species including the protection and restoration of and research on their freshwater and estuarine habitat.**

**All projects must:**

- **Be scientifically and technically sound.**
- **Have permission from the landowner where applicable.**

The following criteria will be used to further prioritize projects for funding. Projects are not required to meet all the criteria below. The Advisory Committee may choose to give greater weight to individual criteria.

1. The project demonstrates that it will remediate a known factor limiting salmonids.
2. The project supports one or more of the priorities listed in Exhibit A.
3. The project is capable of immediate implementation (in 2000 or 2001).
4. The project contracts with non-profit, for-profit and public entities in the region of the project whenever possible to assist with implementation if needed.
5. The project is cost effective.
6. The project is identified as high priority based on an adopted watershed assessment or a salmonid restoration /recovery plan if one is available.
7. The project is important from a regional/statewide perspective.
8. There is demonstrated local area stakeholder support.
9. The project demonstrates voluntary management measures for a significant land area within the watershed.
10. The project is durable (it will be monitored and maintained).

### **Additional Information**

- **Please read this Request for Proposals (RFP) Document carefully. It is a legal document. Proposals submitted must be in full compliance with all requirements in it.**
- **Proposals must use a 12-point standard font on plain white paper, using only one side of each page.**
- **Addresses and telephone numbers of DFG Regional offices are included in Appendix B.**
- **For purposes of this RFP a watershed, or planning watershed, may be as small as the smallest significant unit contained within a distinct hydrologic basin or as large as an entire hydrologic basin, and includes the following elements:**
  1. A common drainage area flowing to a larger stream or into the ocean.
  2. A stream inhabited now or in the past by coho or chinook salmon, steelhead, or anadromous cutthroat trout.

## SECTION II

### IMPORTANT PROVISIONS FOR ALL PROJECT PROPOSALS

1. **PROPOSALS WILL BE ACCEPTED ONLY FOR WORK IN COASTAL DRAINAGES, EXCLUDING THE CENTRAL VALLEY UPSTREAM FROM THE CARQUINEZ BRIDGE.**
2. **SPONSORS OF PROPOSALS THAT ARE NOT IN COMPLIANCE WITH ALL RFP REQUIREMENTS WILL BE SO NOTIFIED IN WRITING, AND SUCH PROPOSALS WILL BE REMOVED FROM FUNDING CONSIDERATION. THE DEPARTMENT RESERVES THE RIGHT TO REJECT ANY OR ALL PROPOSALS AND WAIVE ANY NON-SUBSTANTIVE ITEMS IN ANY PROPOSAL.**
3. Proposals will not be accepted for implementation of projects required as mitigation under CEQA, NEPA, California Forest Practices Act (FPA), or Section 404 of the Clean Water Act (CWA) for a separate project with environmental impacts. Projects will be eligible for funding if they: 1) meet provisions of this RFP and 2) satisfy the provisions of the MOU and are in compliance with existing laws, but are being proposed to meet subsequent changes in those laws.
4. Project proposals must include a detailed description of each proposed action and the results expected. Descriptions must be sufficiently detailed regarding overall work proposed, and costs of each proposed work element, in order for DFG to: 1) write a grant or contract with measurable and quantifiable objectives and 2) perform a cost analysis of proposed work during the proposal evaluation process. **The proposal must make a clear and understandable link between proposals and current or historical problems.**
5. DFG has developed project categories and some standard costs based on past experience in development of fish habitat restoration and upslope projects. These standard costs will be an important element in evaluating and rating these projects. These standardized costs are shown in Appendix C. **Higher than standard costs will be considered only if adequate justification is provided.**

Cost analysis of the proposed project will include all project costs. Total project cost used in the analysis will include the total amount requested from grant funds under this RFP and any cash or in-kind cost share from any other funding source.

DFG recognizes that some elements of watershed restoration have no established cost standards. These elements include but are not limited to monitoring, research, or assessment proposals, as well as some proposals for instream habitat restoration on larger streams or in areas with poor access. These projects will require a greater level of project description and will be judged based on costs for similar projects that have been implemented as well as on assessment of proposed costs by fishery and fish habitat restoration staff. Project descriptions must include details of project design and costs of labor, material, and equipment for each project element. As examples: 1) instream structure proposals must specifically define each proposed structure, its complexity, and the materials, labor, and other costs for completing the structure; 2) vegetation restoration projects must describe plant species, numbers of plants, and the area (in square feet or acres) covered; 3) fencing projects must include linear feet of fence and the type of fencing material proposed; 4) road decommissioning or improvement projects must include estimates of sediment that would be prevented from entering the stream system; 5) road assessment must justify cost per mile by explaining difficulty of assessment; and 6) bioengineering projects must define linear feet of bank stabilized and riparian species planted.

6. Under the Fishery Restoration Grants Program, DFG policy does not allow for purchase of equipment. For contracting purposes, equipment shall be defined as all moveable articles of non-expendable property which have: 1) a normal useful life, including extended life due to repairs, of four (4) years or more; 2) an identity which does not change with use, i.e., it is not consumed by use or converted by fabrication into some other form of property; 3) unit cost of \$500.00 or more; and 4) are to be used to conduct business in accordance with the agreement.

7. **Klamath River Basin Proposals - Proposals for restoration activities in the Klamath River Basin (excluding the Trinity River Basin) must be clearly identified as such.** This requirement is necessary to ensure that State (Proposition 13) funds expended for anadromous salmonids restoration in this basin may be accounted for separately and applied as part of the State match of Federal funds expended, as required under Federal law. Identify your proposal location by indicating "Yes" or "No" in the appropriate Summary Sheet item. For further details concerning proposals for work in this geographic area, contact Mr. Michael Rode (530-926-5683).
8. **Trinity River Basin Proposals - Proposals for restoration activities in the Trinity River Basin (from its confluence with Klamath River up to Lewiston Dam) must also be clearly identified as such.** This requirement is necessary to ensure that State (Proposition 13) funds expended for anadromous salmonid restoration in this basin may be accounted for separately and applied as part of the State match of Federal funds expended, as required under Federal law. Identify your proposal location by indicating "Yes" or "No" in the appropriate Summary Sheet item.

### SECTION III

#### PROPOSAL SUBJECT AREAS

**NOTE:** Sponsors of *instream habitat, watershed habitat, protection of key refugia areas, conservation easement and other incentive programs, acquisition of water rights, acquiring permanent easement of fee title to riparian buffers, or riparian habitat restoration proposals* must include a description of current and anticipated land-use in areas potentially affecting the project site for the five-year period that begins with the year in which the project is proposed for implementation. The technical review team will consider current and anticipated land use when evaluating biological soundness of these projects. **PROPOSALS LACKING A WRITTEN DESCRIPTION OF CURRENT AND ANTICIPATED LAND-USE ACTIVITIES WILL BE REMOVED FROM FUNDING CONSIDERATION.**

**The following are examples of projects types that are eligible for funding consideration:** The two-letter code preceding the type description indicates the category, described following this listing, under which the project will be evaluated. **You must describe your project using one or more of the two-letter codes listed following the example project types.**

<b>AS</b>	Assessment projects, founded on accepted scientific methodology, that will develop site-specific habitat protection or restoration prescriptions
<b>HU</b>	Upslope projects that protect and restore aquatic habitat, including remediation and erosion prevention and control projects
<b>HR</b>	Projects that protect and restore riparian corridors
<b>HI</b>	Instream habitat restoration projects including large woody debris projects
<b>HS</b>	Projects that correct or provide instream area bank stabilization to correct erosion
<b>HP</b>	Fish passage improvement projects. (e.g. culvert repair and replacements, check dam/small dam removal, and construction of fishways and fish screens)
<b>MD</b>	Monitoring projects that use protocols approved by DFG and NMFS that provide baseline and/or trend data for anadromous fish populations or physical factors known to be limiting their recovery
<b>ED</b>	Education projects that directly support local salmonid habitat protection restoration and recovery efforts
<b>TE</b>	Educational projects that provide a practical means of improving land and water management practices that, if implemented, will contribute to the protection and restoration of salmon stream habitat
<b>PI</b>	Public involvement in support of watershed health for anadromous salmonids, capacity building within regional/county efforts (e.g. Fish Net 4C, 5 Northern County Group and south central and southern groups), and development of scientific framework for future funding years
<b>HA</b>	Protection of key and refugia watersheds, including conservation easement and other incentive program projects that are consistent with the principles, screening criteria requirements, and other guidelines in this MOU, projects that protect and improve water quality and quantity, including acquisition of water from willing sellers, and acquire from willing seller's permanent easement or fee title to riparian buffer strips along coastal rivers and streams to protect key salmon and steelhead refugia

<b>RP</b>	Research projects that advance the science of anadromous fish recovery and result in recommendations for restoration and management activities. This could include descriptions of fish population abundance, distribution, presence/absence and biological response to habitat modifications
<b>TP</b>	TMDL implementation plans (e.g. ranch plans)
<b>RE</b>	Artificial propagation programs designed to restore depleted stocks of salmonids that comply with the directives of the joint DFG/NMFS hatchery operation review committee

### **Assessment Projects (AS)**

**Proposals in this category must describe a complete and detailed process of assessment that culminates in the development of site-specific habitat protection or restoration prescriptions for anadromous salmonids.** Both social and physical landscape elements associated with the development of these site-specific restoration prescriptions must be addressed. **Proposals that do not address both of these elements will be removed from funding consideration.** If watershed plans, that include the social and physical landscape elements have already been completed to DFG satisfaction, the proposal may include, or reference, already completed work to satisfy this element. Proposals must include **signed, written** commitments from all landowners where any on-the-ground assessment work is proposed, or address how the project sponsor will obtain landowner support for all proposed activities requiring access to private land.

Sponsors **must** include a qualifications statement of those proposing to undertake this work and their experience in assessment and habitat restoration. DFG seeks assessment projects based on accepted scientific methodologies that can be used as the basis for determining the scope and priority of work needed for restoration of watersheds.

Assessment work in sub-drainages within a hydrologic basin that are not contiguous may be submitted under a single assessment-project proposal if restoration of these non-contiguous sub-drainages will, in conjunction with other restoration being undertaken in the hydrologic basin, or on its own, correct the major problems affecting the entire hydrologic basin. Proposals will be evaluated using evaluation criteria in Appendix C.

Included in Appendix A is a "Watershed Assessment Proposal Format" that meets the minimum requirements of project evaluations. **All Assessment proposals must follow the Watershed Assessment Proposal Format. The first page must be a completed Project Grant Proposal Summary Sheet, (example on Page A13), and include a budget (example on Page A17). All proposals must include enough information to allow DFG to evaluate the proposal and write a grant or contract with quantifiable objectives for its implementation and deliverable products.**



## **Watershed and Riparian Habitat Restoration (HU-HR)**

Work under this category includes riparian and upslope restoration. Sponsors of watershed restoration proposals may, in lieu of the detailed description of past and anticipated land use, submit a DFG accepted watershed plan that describes past and anticipated land use. DFG fisheries specialists assigned to evaluate projects will consider current and anticipated land use when evaluating biological soundness of projects. Proposals will be evaluated using evaluation criteria in Appendix C.

Additional guidelines for watershed restoration projects follow:

1. A separate proposal must be submitted for each watershed restoration project. Each proposal must demonstrate how the project would be instrumental in restoring the natural function of the watershed. Sub-drainages within a hydrologic basin that are not contiguous may be submitted under a single watershed restoration project proposal if restoration of these non-contiguous sub-drainages will, in conjunction with other restoration being undertaken in the hydrologic basin, or on its own, correct the major problems affecting anadromous salmonids in the entire hydrologic basin.
2. Upslope restoration work, that is beyond the riparian area, must focus on correction of major problems affecting the watershed. Evaluators of proposals will determine whether proposed watershed work is likely to correct "keystone" factors problems, that must be corrected before other restorative measures can be implemented with significant probability of success.
3. During the evaluation process, watershed restoration proposals will be given additional points for correction of problems in accordance with a DFG accepted watershed restoration plan for the hydrologic basin or planning watershed.
4. **In ALL areas where ANY on-the-ground work is proposed, permission for work to be done, in the form of signed written commitments, must be obtained from landowners. Landowners must demonstrate a willingness to cooperate and participate in the watershed restoration project, and allow DFG and its agents access to project sites for project monitoring and evaluation.**

## **Instream Habitat Restoration (HI HP HS)**

This project type is limited to work undertaken within the stream channel (bankfull), including fish habitat structures to improve spawning and rearing habitat, fish passage improvement (including culvert, fish ladders and fish screens), and erosion control. Proposals will be evaluated using evaluation criteria in Appendix C.

## **Monitoring Projects (MD)**

**Proposals for monitoring must use protocols approved by DFG and NMFS that will provide baseline and/or trend data for anadromous fish populations or physical factors known to be limiting their recovery.** Proposals will be evaluated using criteria in Appendix C.

## **Education Projects (ED TE)**

Proposals for education will be for projects that directly support local salmonid habitat protection, restoration and recovery efforts, or educational projects that provide a practical means of improving land and water management practices that, if implemented, will contribute to the protection and restoration of salmon stream habitat. Proposals will be evaluated using criteria in Appendix C.

## **Public Involvement Projects (PI)**

Public involvement projects includes support of nonprofit watershed restoration organizations and their activities that involve citizens in restorative actions, support of capacity building within regional or county efforts, and development of scientific framework. Proposals will be evaluated using criteria in Appendix C.

## **Habitat Acquisition Projects (HA)**

Easement and fee title projects must be consistent with principles and screening criteria in the MOU, and either acquire conservation easements for the benefit of anadromous salmonid habitats and life cycles, improve water quality and quantity, including acquisition of water from willing sellers, or acquire permanent easement or fee title to riparian buffer strips along coastal rivers and streams to protect key salmon and steelhead refugia. Proposals will be evaluated using criteria in Appendix C.

### **Research Projects (RP)**

Research projects will be for projects that advance the science of anadromous salmonid fish recovery and result in recommendations for restoration and management activities. This could include descriptions of anadromous salmonid population abundance, distribution, presence/absence and biological response to habitat modification. Proposals will be evaluated using criteria in Appendix C.

### **Total Managed Daily Load (TMDL) Implementation Plans (TP)**

Includes TMDL or similar plans (e.g., ranch plans). Proposals will be evaluated using criteria in Appendix C.

### **Artificial Propagation Programs (RE)**

Proposed or currently operating artificial propagation program proposals will require approval of, or be in compliance with findings of, the **joint DFG/NMFS hatchery operation review committee**, and meet all of the legal and policy requirements of the excerpted portions of the Fish and Game Code and Fish and Game Commission that may be found in Appendix E. As examples: 1) project proposals must document a cash or in-kind cost share to meet the requirement of Fish and Game Code, Section 1204; and 2) no discretionary funds will be available for equipment or for construction of rearing facilities, also in accordance with Section 1204.

Proposals for new rearing projects must include detailed justification for estimated production costs. These proposals must include a proposed Five-Year Management Plan that follows guidelines in "Cooperative Fish Production in California" (which may be found in the *California Salmonid Stream Habitat Restoration Manual*), available from the Native Anadromous Fish and Watershed Branch at DFG Sacramento headquarters. Proposals for established programs may reference a previously submitted Five-Year Management Plan. The reference must include the date of the previously submitted document. Proposals for continued operation of established programs must contain summaries of production costs for the past five years, or for the life of the project if it has operated for less than five years. Proposals approved by, or in compliance with findings of, the joint DFG/NMFS hatchery operation review committee will be evaluated using criteria in Appendix C.

**COOPERATIVE REARING PROJECTS THAT LACK A COST SHARE ELEMENT AS SPECIFIED IN FISH AND GAME CODE SECTION 1204 WILL BE REMOVED FROM FUNDING CONSIDERATION UNDER THIS RFP.**

## SECTION IV

### APPLICATION PROCEDURES

In order to be considered for funding, all proposals must follow the guidelines given below and must be POSTMARKED no later than **August 11, 2000** or hand delivered no later than 3:00 p.m. on **August 11, 2000**. **YOU MUST MEET THE CONDITIONS OF ITEMS 1-13 BELOW AND FOLLOW THE PROPOSAL FORMATS SHOWN IN APPENDIX A. FAILURE TO FOLLOW THESE CONDITIONS WILL RESULT IN THE APPLICATION BEING REJECTED.** Use separate pages for the Summary, Proposal Information, and Budget sections of the proposal, and for supporting material such as maps, pictures, and drawings. Your Federal Taxpayer Identification number must be provided on the Summary Sheet (see example Summary Sheet Item, in Appendix A.) Grantees or contractors who have not previously contracted with the Department of Fish and Game will be required to complete a form STD. 204, Payee Data Record. Please pay particular attention to the following:

1. Generally, a separate proposal should be submitted for each identified project site and work type. What constitutes a project site will depend upon the nature of the project. For examples, it may be as small as one segment of a stream for instream habitat projects, or it may encompass several drainages or an even larger geographic region for research or education projects. Project types are listed in Section III, "Proposal Subject Areas". Of paramount importance is that, when multiple project sites or multiple project types are submitted in one proposal, the proposal project site elements and project type elements are related in a way that allows them to be considered logically as INTERDEPENDENT parts of one complete project, and that ALL of the work proposed is necessary and feasible. Project sponsors are strongly cautioned to exercise great care and consideration before deciding to place proposal elements covering multiple project sites or multiple project types into one proposal, particularly if a strong case, that must be accepted by DFG proposal evaluation staff and by an external advisory group, cannot be made, and included in the proposal justification, that substantiates inclusion of ALL proposed multiple work sites or types. In such cases, the entire proposal may be rejected, or receive a low score.
2. Project proposals must include specific descriptions of each proposed activity, including detailed costs of each proposed activity. **Descriptions must be sufficiently detailed to allow DFG to write a grant or contract with quantifiable objectives and to make a cost analysis of each element of the proposed project.**
3. **Proposed projects for any on-the-ground work must be submitted with written consent documents signed by landowners or authorized land managing authorities. Consent documents must include statements that landowners: 1) are aware of the proposed project; 2) give consent for pre-project evaluation; and 3) give provisional consent for the contractor to complete the proposed project. Documents must also provide for reasonable access by DFG or its agents for project implementation and post-project evaluation for a period of 10 years following completion of the project. A sample agreement is included with the project proposal example provided in this information packet (Page A31).**
4. In addition to a project consent document, proposals for fencing projects will not be considered unless they are accompanied by documents, **signed** by the landowners or authorized land managing authorities, indicating willingness to:
  - (a) maintain integrity of the fenced area by either the contractor or the landowner;
  - (b) negotiate a riparian area management plan containing provisions for control of livestock use in the fenced area for a 10-year period following completion of the project, to allow riparian vegetation to recover;
  - (c) provide reasonable access to the project area for DFG inspection and evaluation for the same 10-year period.

Accessibility and intended use of lands enclosed by fencing projects will be important factors in rating proposed fencing projects. A sample livestock exclusion agreement is included with the project proposal example provided in this information packet (Page A33).

5. A legible 8.5 x 11" photocopy of original U.S. Geological Survey (USGS) 7.5-minute topographic quadrangle (quad) (or equivalent) maps centered on work sites must be provided for all upslope, instream, riparian, and monitoring project proposals. Assessment proposal must also include a map, but may substitute a legible 8.5 x 11" photocopy of original appropriately scaled USGS (or equivalent) contoured topographic map, that shows the exact locations of proposed work. If a work site is near the edge or corner of a quad, and USGS quad maps are being used, adjacent quads must be spliced together before the photocopy is made. Each work site occupying less than 100 feet along a stream must be labeled, with an arrow pointing to the site. Work sites occupying more than 100 feet of stream or roads, or other upslope activities must be delimited with a label plus an arrow marked "U" pointing at the upstream end of the site, and an arrow marked "D" pointing at the downstream end. Maps must also be labeled with project title, contractor name, USGS quad name, and stream name, and be positioned so that relevant map information such as stream names, towns, main roads, water bodies, etc. are not obscured. Refer to the example map copy provided with the sample project proposal for acceptable format. **All proposals for habitat restoration, which includes upslope restoration, must also include a detailed plan-view diagram (example Page A21) of the project site showing the stream channel or other area of work,** structure locations, revegetation areas, distance to each project structure from a reference point, and other significant project and existing features.
6. If administrative overhead costs exceed ten percent of total costs of all other aspects of a proposal, a separate sheet detailing these overhead costs must be attached and submitted with the proposal. Please be advised that when contracts are audited all overhead costs must be justified by detailed accounting records or they will be disallowed.
7. Proposals must use a 12 point standard font on a computer, on plain white paper. Proposal text and graphics must be in black and white and be confined to only one side of each plain-paper page. **Do not bind proposals in plastic, cover stock, folders or any other binding.** Simply staple each plain-paper proposal copy once in the upper left corner. Handling bound proposals delays proposal processing. **Your proposal will be rejected if you do not follow these formatting requirements.** You must provide **ten (10) copies** of each proposal submitted, **with the Summary Sheet being the first page of your proposal.** If you have letterhead stationery, please use it only on the transmittal letter for the package. **Do not include letters of support or recommendation with your proposal package, and do not include originals of photographs.**
8. Proposals for restoration activities in the Klamath River basin and the Trinity River basin must be **clearly** identified on the proposal summary sheet as such. This information is needed to ensure that State funds (Proposition 13) expended in these areas are included as part of the required State match for restoration work in these areas.
9. **Non-profit and private entities sponsors must submit a completed *Environmental Project Questionnaire* with each proposal.** A blank Environmental Project Questionnaire form is included with this document (in Appendix A). Compliance with the California Environmental Quality Act (CEQA), the Endangered Species Act (ESA) of 1973 (Federal) and the California Endangered Species Act (CESA) will be required if a proposal is funded. **We strongly urge you to work closely with appropriate DFG regional biological staff as you complete this form to make certain that you address all potential environmental concerns that may be associated with your proposed project.** Addresses and telephone numbers of DFG personnel are included in Appendix B.

Public agencies and Indian tribes receiving grant funds will be expected to act as lead agency for the California Environmental Quality Act (CEQA), the Endangered Species Act (ESA) of 1973 (Federal) and the California Endangered Species Act (CESA), and compliance with these laws will be required before the disbursement of any funds. **Public agencies are strongly urged to work closely with appropriate DFG regional biological staff to make certain that you address all potential environmental concerns that may be associated with your proposed project.** Addresses and telephone numbers of DFG personnel are included in Appendix B.

10. All proposals, except MD, ED and TE, must include a completed Watershed Background Summary and Overview (see Appendix A).
11. All assessment proposals **must** use the Assessment Proposal Format (see Appendix A), and include a Project Grant Proposal Summary Sheet (see Appendix A) and budget using example format (see Appendix A).
12. **Required Proposal Documentation Matrix:** The matrix on Page 14 indicates documentation required for each project type to make your proposal complete. Failure to provide any necessary documentation will result in your proposal being rejected.
13. Please submit **ten (10) copies** of each proposal to:

For Mailing or Hand Delivery:

Grant Proposals  
CA Department of Fish and Game  
Native Anadromous Fish and Watershed Branch  
1807 13<sup>th</sup> Street, Suite 104  
Sacramento, CA 95814

Proposals submitted by mail must be **POSTMARKED** no later than **August 11, 2000**. Hand-delivered proposals must be delivered to the Native Anadromous Fish and Watershed Branch staff at the exact location described above by August 11, 2000, **before 3:00 p.m.**, or they will be rejected. Delivery simply to the Building at 1807 13th Street by the due date and time will not guarantee its delivery to appropriate staff. Be certain that your delivery person understands that the proposal must be delivered to Native Anadromous Fish and Watershed Branch staff. We emphasize this matter to avoid any confusion over receipt and acceptance of hand-delivered proposals and to maintain fairness for all applicants.

**Proposal sponsors are again reminded to work closely with local DFG fishery biologists and fish habitat specialists in the planning and development of proposals. Consultation with DFG should be scheduled well in advance of proposal deadlines to allow time to evaluate site conditions, if necessary.** It is likely that you will be asked to provide a field tour of your proposed project site for one or more DFG fishery biologists and fish habitat specialists. We encourage you to invite DFG fishery biologists and fish habitat specialists to visit your site prior to proposal submission.

## REQUIRED PROPOSAL DOCUMENTATION MATRIX

PROJECT TYPE	Project Summary Sheet	Assessment Proposal	Restoration Project Proposal	5-Year Land Use Statement	5-Year Plan	Project Description	7.5 Quad Map (or equivalent)	Plan-view Diagram	Location	Budget	Schedule of Work	List of Permits	Riparian Mgmt. Plan Agreement	Environmental Checklist	Landowner Access Agreement(s)	Watershed Background Summary and Overview
Assessment AS	●	●					●			●	●			◐	◐	●
Watershed Restoration HU	●		●	●		●	●	●	●	●	●	●		●	●	●
Instream Restoration HI, HS, HP	●		●	●		●	●	●	●	●	●	●	◐	●	●	●
Riparian Restoration HR	●		●	●		●	●	●	●	●	●	●	●	●	●	●
Conservation Easement, Permanent Easement Acquisition, Water Quality and quantity Protection HA	●		●	●		●	●			●	●	◐	◐	◐	◐	●
Research project RP	●		●	●		●	●	◐	●	●	●	●		◐	●	●
Monitoring Project MD	●		●			●	◐		●	●	●	●	◐	◐	◐	●
Education ED, TE	●		●			●	◐		◐	●	●	◐		◐	◐	
Cooperative Rearing RE	●		●	●	●	●	●		●	●	●	●		●	●	●
TMDL Implementation Plans (e.g. ranch plans) TP	●		●	●		●	●	●	●	●	●	●	●	●	●	●

- Required for all proposals
- ◐ Required if proposed work involves specific on-the-ground activities or is identified in application procedures beginning on Page 8.

## SECTION V

### PROPOSAL EVALUATION PROCESS

**NOTE: Funds described under this Request for Proposals are not for implementation of projects required as mitigation under CEQA, NEPA, Forest Practices Act (FPA), or Section 404 of the Clean Water Act (CWA) for a separate project with environmental impacts. Projects would be eligible for funding if they meet provisions of this RFP and were built in compliance with existing laws but are being proposed to meet subsequent changes in those laws. Proposals that are mitigation projects, as described above, will not be evaluated or be given further funding consideration.**

1. When received, proposals will be examined by DFG headquarters staff for compliance with **ALL** RFP requirements. This includes examination of proposals to determine if proposals describe the proposed project in sufficient detail, as shown in the project proposal examples in Appendix A. **PROPOSALS NOT IN COMPLIANCE WILL BE REJECTED.**
2. Proposals accepted will be evaluated by a Technical Team appointed by the Director. This team consists of DFG technical staff as well as the California Department of Forestry and Fire Protection, California Department of Mines and Geology, and other State departmental staff as needed; and NMFS. The Technical Team will determine a score for each proposed project. These scores will be used in development of a proposed comprehensive statewide list of proposed projects in priority order based on numeric score. The numeric score will be derived using the evaluation sheets attached.
3. The evaluation process requires consideration of benefits to fishery resources, need for work in a particular drainage or site for the target species, and project costs. **PROPOSALS DETERMINED NOT BIOLOGICALLY SOUND, LACKING IN DETAIL SUFFICIENT TO ALLOW A COST ANALYSIS TO BE MADE, OR NOT IN COMPLIANCE WITH STATE AND FEDERAL LAW AND DFG OR FISH AND GAME COMMISSION POLICIES WILL BE REJECTED.**
4. After final evaluation scores are determined, lists of ranked projects will be prepared for further processing, and for transmittal to the Advisory Committee as described in Appendix D.
5. The Advisory Committee will develop a prioritized list of recommended projects for funding, using criteria listed in the MOU (attachment D), and provide it to the Director of the Department of Fish and Game.
6. The Director will consult with the Secretary for Resources to make final funding determinations within 30 days of submission of the recommended list from the Advisory Committee.

## SECTION VI

### SPECIAL REQUIREMENTS AND CONSIDERATIONS

After applicants are notified of awards, agreements will be prepared and executed. Special requirements for contracts are explained below. **Copies of the STD. forms, described in this section, are included in Appendix A for information only at this time. When applicants are notified of grant awards, they shall be required to complete, sign and return the forms provided.**

A Nondiscrimination Compliance Statement, form STD. 19, will be required for contracts of \$5,000.00 or more per Title 2, California Code of Regulations, Section 8113. Federal and State agencies, and public entities such as resource conservation districts, are excluded from this requirement.

A Drug-Free Workplace Certification, form STD. 21, regardless of contract dollar amount will be required for all contracts. Again, Federal and State agencies and public entities such as resource conservation districts, are excluded from this requirement.

Government Code Section 8350 et seq., the Drug-Free Workplace Act of 1990, requires State contractors and recipients of State grants to maintain a "drug-free workplace". A State agency may cancel a contract or grant if a contractor or grantee fails to comply with the requirements defined in the statute. The Department of General Services must publish a list of individuals and organizations whose contracts or grants have been canceled. Government Code Section 8355 requires that every contractor or grantee must:

1. Certify that the individual or organization "will provide a drug-free workplace" (Standard Form 21, Drug-Free Workplace Certification).
2. Publish a statement notifying employees that company policy prohibits specified activities involving controlled substances, and defining actions to be taken for violating the policy.
3. Establish a drug-free awareness program to inform employees about specified topics.
4. Provide the drug-free statement to each employee working on a State contract or grant, and require that these employees agree to abide by the terms of the statement.

A State agency may cancel a contract or grant if it finds that the contractor or grantee has falsely certified a drug-free workplace or failed to fulfill the requirements defined in Government Code Section 8355 (a)-(c).

A Payment Data Record, form STD. 204, is required in lieu of IRS W-9 when doing business with the State of California. Information contained in this form will be used by state agencies to prepare information Returns (Form 1099) and are for withholding on payments to nonresident payees. Government entities, federal, state, and local (including public school districts) are not required to submit this form. If a contractor already has one of these forms on file with DFG, it will not be necessary to complete it again.

Language similar to that in the following paragraph appears in all grant agreements and is included here for your information.

Successful grantees or contractors must agree that the State or its delegatee will have the right to review, obtain, and copy all records pertaining to performance under the grant or contract. Grant recipients and contractors must also agree to provide the State or its designated representative with any relevant information requested and must permit the State or its designated representative access to their premises, upon reasonable notice, during normal business hours, for purposes of interviewing employees and inspecting and copying such books, records, accounting information, and other material that may be relevant to investigating compliance with grant or contract terms or other pertinent matters pertinent to them. Grant recipients and contractors must further agree to maintain such records for a period of three (3) years after final payment under the grant or contract.

**If the contractor is a public entity, such as a resource conservation district, city, county, water agency, etc., that has a governing body, then a resolution of project approval from the governing body will be a contract requirement. It is suggested that the governing body be made aware of the proposal and be prepared to submit the resolution when returning the signed contract. Nonprofit organizations do not fall into this category.**

DFG may require Contractors to have bodily injury and general liability insurance as well as automobile liability insurance if motor vehicles are used in the performance of the contract. If the Contractor will be conducting hazardous activities, a certificate of insurance will be required. Hazardous activities are defined as activities which may result in substantial risk of serious injury to persons or damage to property and include, but are not limited to: excavation, drilling, demolition, using heavy equipment or applying any type of chemicals. After the Contractor is selected, DFG will notify the Contractor when it needs to submit a certificate of insurance.

All certificates of insurance must state the following:

1. The Contractor has in effect liability insurance of not less than \$1,000,000 per occurrence for bodily injury and property damage liability combined.



2. The insurer will not cancel the insured's coverage without thirty (30) days prior written notice to the State of California.
3. The State of California, its officers, agents, employees, and servants are included as additional insured, but only insofar as the operations under the contract are concerned.

The Contract Manager will notify the Contractor when the certificate of insurance has been approved. The contract between DFG and the Contractor will be of no effect and the Contractor shall not commence work unless, and until, the certificate of insurance has been approved.

If any insurance coverage expires during the life of the contract, the Contractor will be required to provide at least thirty (30) days notice prior to said expiration and provide a new certificate of insurance evidencing coverage for not less than the remainder of the term of the contract, or for a period of not less than one (1) year.

Following approval by the DFG Director to fund selected proposals, agreements will be written, sent to contractors for signature, returned to DFG for signature, and if appropriate sent to the Department of General Services (DGS) for approval. Once the agreement is signed by DFG, and if necessary DGS, the fully executed agreements will be sent to contractors and, with written approval from the Contract Manager designated in the contract, work can begin. No work can begin without completion of all required permits, insurance requirements, environmental documents and approval of the Contract Manager designated by DFG in the contract. **WORK DONE BEFORE ALL APPROVALS HAVE BEEN OBTAINED WILL NOT BE APPROVED FOR PAYMENT.**

DFG does not expect any agreements to be written or approved before Mid-September 2000, at the earliest, so contractors should plan project proposals accordingly. Frequently, contracting cannot be finished soon enough to allow work to be completed during the year in which funds were requested. Because of this, potential applicants for funds may find it useful to submit for consideration projects which can be implemented up to a year after the request for funds is approved.

Contractors are reminded that work completed after the agreement termination date cannot be approved for payment. These agreements are legal documents that provide a mechanism allowing payment for goods or services rendered within a specified time period, but not before the effective date of the contract or after its termination date. Contractors should not begin work prior to the approval date of a contract, since the agreement is not a legal document until it is signed and approved. **Contractors should read their agreements carefully and be familiar with all details, including the termination date, to avoid misunderstandings.**

All agreements entered into with the Department of Fish and Game and developed as a result of this RFP may be for a period covering three (3) fiscal years period (maximum allowed under State Contract Law) beginning with the date of execution of the contract.

# APPENDIX A

## FORMS AND EXAMPLES

Environmental Project Questionnaire .....	A3
Watershed Background Summary and Overview .....	A7
Suggested Standards for Proposal Development .....	A11
Assessment Proposal Format .....	A12
Project Grant Proposal Summary Sheet .....	A13
Restoration Project Proposal (Example) .....	A15
Cooperative Fish Rearing Proposal .....	A23
Habitat Restoration Project Landowner Agreement (Example) .....	A31
Riparian Area Management Plan Landowner Agreement (Example) .....	A33
Cooperative Fish Rearing Projects Landowner Agreement (Example) .....	A35
Non-Discrimination Compliance Statement - STD. 19 .....	A37
Drug-Free Workplace Certification - STD. 21 .....	A39
Payee Data Record - STD. 204 .....	A41

## Environmental Project Questionnaire

Non-profit and private entities must complete and submit this form with proposal or proposal will be rejected. *If explanation exceeds space provided please provide additional explanations on separate paper.*

	Yes	Maybe/ Uncertain	No	Please explain if you responded “yes” or “maybe/uncertain”
1. Will the project or activity involve work on the bank of a river, stream, lake, or on slopes immediately adjacent to a river, stream or lake?				
2. If you answered “yes” to #1, will the project or activity involve any of the following:				
a. Removal of any vegetation?				
b. Excavation of the bank?				
c. Removal or storage of fill material from roads or stream crossings?				
d. Placement of bank protection or stabilization structures or materials (e.g., gabions, riprap, concrete slurry/sacks)?				
3. Will the project or activity take place in, adjacent to, or near a river that has been designated as “wild and scenic” under state or federal law?				
4. Will the project or activity involve work in the bed, or channel of a river, stream, or lake?				
5. Will the project or activity involve the placement of any permanent or temporary structure in a river, stream, or lake?				
6. If you answered “yes” to #5, describe the types of structures to be placed in a river, stream, or lake:				
7. Will the project involve the use of material from a streambed?				

	Yes	Maybe/ Uncertain	No	Please explain if you responded “yes” or “maybe/uncertain”
8. Will the project or activity result in the disposal or deposition of debris, waste, sediment or other material in a river, stream, or lake?				
a. If you answered “yes” to #8, describe the material that will be disposed of or deposited in the river stream, or, lake:				
9. Will any type of construction equipment be used?				
a. If you answered “yes” to #9, describe the type of equipment that will be used:				
b. Will it be used in a river, stream, or lake?				
c. Will it be used on slopes greater than 30%?				
10. Does the project or activity area flood or periodically become inundated with water?				
11. Will water need to be diverted from a river, stream, or lake for the project or activity?				
12. If you answered “yes” to #11, please answer the following:				
a. Will this be a temporary diversion?				
b. Will the water be diverted by means of a dam, reservoir, or other water impoundment structure?				
13. Will water quality be affected by the deposition of silt, an increase in water temperature, a change in the pH level, or in some other way?				
14. Will the project or activity be done pursuant to a water right application or permit?				
15. Will the project or activity affect fish, amphibians, insects, or other aquatic resources?				

	Yes	Maybe/ Uncertain	No	Please explain if you responded "yes" or "maybe/uncertain"
16. Will the project or activity affect terrestrial wildlife?				
17. Are any endangered or rare plant species thought or known to occur in the area where the proposed project or activity will take place?				
18. Are any endangered or threatened fish, bird, or animal species thought or known to occur in the area where the proposed project or activity will take place?				
19. Have you contacted any other local, State, or federal agency regarding the project or activity?				
a. If you answered "yes" to #19, please list the names of the agencies you have contacted:				
20. Have you applied for or obtained any permit, agreement, or other authorization for your project or activity from any government agency?				
If you answered "yes" to #20, please list the names or describe the permit, agreement, or authorization you have applied for or obtained:				
21. Have any environmental documents pertaining to your project or activity been prepared?				
a. If you answered "yes" to #21, please list the environmental documents that have been prepared, and when prepared:				

## WATERSHED BACKGROUND SUMMARY AND OVERVIEW

You are required to provide all of the following summary information that is applicable to your proposed project. Use reverse of pages as needed for descriptive answers.

1. Project Name: \_\_\_\_\_ Type: \_\_\_\_\_
2. Watershed name: \_\_\_\_\_
3. Watershed area (square miles): \_\_\_\_\_
4. Project location: T \_\_\_\_ R \_\_\_\_ S \_\_\_\_; Latitude \_\_\_\_, \_\_\_\_, \_\_\_\_; Longitude \_\_\_\_, \_\_\_\_, \_\_\_\_
5. Total length of perennial blue line streams in watershed (from topo): \_\_\_\_\_
6. List known salmonid species present in watershed: \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_;  
(source(s) \_\_\_\_\_/date(s) \_\_\_\_\_).
7. List known historic salmonid species found in watershed: \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_;  
(source(s) \_\_\_\_\_/date(s) \_\_\_\_\_).
8. List known limiting factors that are addressed by the project (source). List item numbers from the attached list (page A11): \_\_\_\_\_
9. List surveys or plans used to develop this proposal (include sources and dates).
10. List percent of the hydrologic watershed area included in the proposal: \_\_\_\_\_, and/or the length of blue line stream in affected project reach: \_\_\_\_\_.
11. Watershed ownership percentages: Federal: \_\_\_\_\_ State: \_\_\_\_\_ Private: \_\_\_\_\_
12. Provide the percentage of the hydrologic watershed area with landowners supportive of proposal and project: \_\_\_\_\_
13. Attach a list and area map of landowners granting access to project area.
14. Watershed Land Use:
  - a. List current major land uses in the hydrologic unit where work is proposed.
  - b. List planned major land uses in the hydrologic unit where work is proposed.
  - c. Is the work in this proposal required as mitigation in a CEQA approval process, Timber Harvest Plan, or other required mitigation activity? Yes: \_\_\_\_\_ No: \_\_\_\_\_

15. Proposal Objective:

- a. Briefly state the project objective, and explain how it is consistent with the declared project type.
- b. List keystone fishery problems and how they will be addressed by the project.

16. Project Description:

- a. List DFG acceptable protocols that were used in proposal development or will be used in project implementation (document in the text of the proposal how these protocols were/will be used). List the applicable alpha-numeric from the attached list (page A11): \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_.
- b. If other than DFG acceptable protocols, list and explain why they are being used.
- c. List the methods and tasks, with a time line, the project will utilize.
- d. List the specific contract products to be delivered by the project (e.g., number of road stream crossings to be treated and how, feet of stream bank stabilized, number of students involved in an education proposal, etc.).
- e. Attach photos of your project site if useful for proposal evaluation.

17. Permits:

- a. List all permits required to complete the project. See Part VI of the *California Salmonid Stream Habitat Restoration Manual*: \_\_\_\_\_; \_\_\_\_\_;  
\_\_\_\_\_;

18. Scheduling:

- a. Desired start date: \_\_\_\_\_  
b. Estimated duration of the project: \_\_\_\_\_

19. Cost: (Information for this category must be obtained from budget page in your proposal)

- a. Match: amount and percent of total budget \$\_\_\_\_\_ %  
b. Request: amount and percent of total budget \$\_\_\_\_\_ %  
c. Total Budget: \$\_\_\_\_\_ 100 %  
d. Indicate source and type of match (cash, materials, labor, etc.):

20. Location:

- a. Attach 8.5" x 11" black and white maps of the project site, surrounding hydrologic area, and regional location. Indicate scale of projection(s).  
b. Provide clear directions of the route used to access the watershed or stream, and the project site.

Summary prepared by: \_\_\_\_\_



## Suggested Standards for Proposal Development

### DFG List of Factors Considered to Limit Anadromous Fish Production:

- |    |                          |  |
|----|--------------------------|--|
| 1. | Water quantity           | (lack of flow, diversions, runoff)             |
| 2. | Water quality            | (temperature, chemistry, turbidity)            |
| 3. | Riparian dysfunction     | (lack of shade, nutrients, roughness elements) |
| 4. | Excessive sediment yield | (pool and gravel quality)                      |
| 5. | Spawning requirements    | (passage, gravel, resting areas-pools)         |
| 6. | Escape cover / shelter   | (velocity, lack of woody debris, pools)        |
| 7. | Estuary / lagoon issues  | (closure during migration periods)             |

### Current Acceptable Protocol List:

(Other protocols may be approved upon review by Program Manager)

1. DFG Restoration Manual:  
(Available from Native Anadromous Fish and Watershed Branch, 916-327-8838 or via Internet at <http://www.dfg.ca.gov/habitats.html> )
  - A. Habitat typing
  - B. Channel typing
  - C. Riparian / LWD survey
  - D. See spawner survey form (page IV-11)
  - E. See electrofishing form (page IV-16)
  - F. Part Seven implementation methods
  - G. Part Eight evaluation and monitoring methods
2. Fish, Farms, and Forestry Coalition Draft Protocols:  
(Available from FFFC: Julie Kelly, 530-378-8134)
  - A. Summer water temperatures (recording thermographs)
  - B. Substrate sampling for spawning quality
  - C. Channel profile (Trush)
  - D. Macroinvertebrate sampling (EPA Rapid bio-assessment)
  - E. Summer population estimates
  - F. Genetic research tissue sampling
3. Other:
  - A. PWA road assessment
  - B. Star worksheet road assessment
  - C. V-star residual pool volume

## **Watershed Assessment Proposal Format**

Project Grant Proposal Summary Sheet (See example Page A13)

- I. Statement of Qualifications and Experience.
- II. A statement of what work and objectives are proposed with a detailed method for meeting stated objectives. Include a description of:
  - A. Analyses to be used that will lead to specific recommendations for watershed salmon and anadromous trout habitat restoration projects.
  - B. Process to be used to set priorities for implementation of salmon and anadromous trout habitat restoration recommendations.
- III. Statement justifying need for the work proposed, and to what extent anadromous salmonids will benefit from the work proposed.
- IV. Summary of conditions in the watershed. Use the most current information to describe:
  - A. Any watershed planning or restoration work, done in the past.
  - B. Known problems in the watershed associated with salmon and anadromous trout species
  - C. Level of current watershed landowners commitment to watershed restoration, if known (quantifiable facts, not general statements of supposition). Steps to be used to enlist landowner support for watershed salmon and anadromous trout species habitat restoration and for implementation of recommended solutions to problems.
  - D. Current and anticipated land use in the watershed for the following:
    - 1) Roads, including logging roads, affecting streams
    - 2) Agriculture, including timber management
    - 3) Mining
    - 4) Housing and urban or rural development
    - 5) Flood control
    - 6) Water development, including municipal, agricultural, and industrial water development, and water diversion
    - 7) Sewage disposal
    - 8) Other land and water use

Include watershed area maps (See Application Procedure Page 9, Item 5)

Budget (See example Page A17)

**Example**

**PROJECT GRANT PROPOSAL  
SUMMARY SHEET**

- 1. Contractor:** ..... Acme Stump Grubbers
- 2. Type of Contractor:**(Public Agency; Nonprofit Organization; Private Enterprise; Indian Tribe)
- 3. Street Address:** ..... P.O. Box 456
- 4. City:** ..... Halfway Hill
- 5. State:** ..... CA
- 6. Zip Code:** ..... 95677
- 7. Contact Person:** ..... Chuck E. Chainsaw
- 8. Telephone Number:** ..... (999) 888-7777 Fax (999) 888-8888
- 9. Project Title:** ..... Trickle Creek Stream Restoration Project #1
- 10. Funding Request:** ..... \$24,662
- 11. Objective:** Restore a 500-foot section of Trickle Creek, by installing 6 log/boulder structures; stabilize eroding stream banks, revegetate stabilized area; and exclude livestock, beginning at a point 1/4 mile upstream from the confluence with Ample Creek
- 12. Species Benefitted:** ..... Chinook Salmon, Coho Salmon, Steelhead
- 13. Work Schedule:** ..... 6 weeks in August, September, and October, 1998
- 14. County:** ..... Backwoods
- 15. Stream:** ..... Trickle Creek
- 16. Tributary to:** ..... Ample Creek
- 17. Major Drainage System:** ..... Muddy River
- 18. Assembly District:** ..... 10
- 19. Senate District:** ..... 3
- 20. Past Contractor** (Contracted with **DFG** in the past for fisheries restoration work): . . . Yes/No
- 21. Federal Taxpayer ID #:** ..... (i.e., CORP. #22-7777777 or SS #626-98-2947)
- 22. Project Site Falls Within Coastal Zone?** ..... Yes/No
- 23. Project Site Falls Within Klamath River Basin?** ..... Yes/No
- 24. Project Site Falls Within Trinity River Basin?** ..... Yes/No
- 25. Project Type** ..... (Two-letter code as described in "Section III")

## Restoration Project Proposal

### Example

#### Trickle Creek Instream Habitat Restoration Project #1 Additional Information

##### **BACKGROUND**

Trickle Creek is a minor tributary to Ample Creek with summer flows generally exceeding 2 cubic feet per second (cfs) and winter flows as high as several hundred cfs. According to long-time residents of the area, the stream once had large numbers of salmon and steelhead. Recent information provided by DFG Fishery Biologist, Speedy Fishzapper, indicated that low numbers of juvenile steelhead and coho were found in this stream during summer surveys. It was estimated by the DFG Fishery Biologist that the anadromous reach of this stream begins at the confluence and continues for approximately 3 miles.

The drainage was extensively logged in the 1960's. The stream is heavily aggraded with fine sediment, caused by eroding stream banks associated with past land use. The area around the eroding stream bank within the project reach is heavily grazed by livestock. A habitat typing survey, made by DFG in summer 1993, revealed that in the anadromous reach, the stream was comprised of 60 percent low-gradient riffles, 30 percent runs, and 10 percent pools. The survey also indicated that primary pools (depth of 2 feet or greater) comprised less than 5 percent of all pools.

The DFG Fishery Biologist for this area said this stream could use more pools to provide better summer habitat for coho salmon and steelhead. Additionally, the survey showed an incidence ratio of greater than 50 percent fines in the pool tail crests. This high incidence of fines is probably associated with a 500-foot-long eroding stream bank located approximately one-quarter mile upstream from the confluence of Trickle Creek and Ample Creek.

##### **PROPOSED LAND USE**

The landowner stated that cattle grazing will continue at about the existing level for the next five years. The landowner also believes that future logging will use methods protective of the stream side environment. Selection logging is the method expected to be used.

The proposed project is not required as mitigation in a CEQA approval process, Timber Harvest Plan process or otherwise required as mitigation for other activities.

**LOCATION** *(a clear 8.5 x 11 inch copy of the portion of the USGS 7.5-minute quad or equivalent map(s) of the project site and surrounding area must be provided -- with precise locations of project structures or boundaries of the project area. The quad map title must be shown.)*

Location of the work is near the junction of Trickle Creek and Ample Creek in Backwoods County (Sections 4, 5, Township 5 North, Range 2 East). Structure Site 1 is located at a point beginning 1/4 mile above the confluence of Trickle Creek and Ample Creek. Each succeeding site, numbers 2, 3, 4, 5, and 6, is located approximately 80 feet farther upstream than the previous site. Bank stabilization, revegetation, and livestock exclusion fencing will also begin at a point located on the right bank (facing downstream) 1/4 mile above the confluence of Trickle Creek and Ample Creek, and will continue upstream for 600 linear feet.

##### **OBJECTIVES**

This project will improve juvenile coho salmon and steelhead trout summer rearing habitat by increasing numbers and depths of pools in a 500-foot reach of Trickle Creek. An eroding stream bank within the project reach will be stabilized by reinforcing the bank with rock, revegetating the area with native plant species, and constructing fence to exclude livestock from the revegetated area.

## **PROJECT DESCRIPTION**

The project will consist of placement of six constrictor boulder/log structures to create scour. Individual structures will be made of at least six (6), 2-cubic-yard angular boulders and at least one 3-foot-diameter by 20-foot-long Douglas fir or redwood log. Structures will be placed in a manner consistent with procedures in the DFG *California Salmonid Stream Habitat Restoration Manual*, Section VII. Rock will be hauled by heavy equipment and placed outside the stream channel, directly above each site. Logs are already present near each restoration site. Access to individual sites is along existing roads. Rocks and logs will be moved into the stream zone by hand crews using portable winches, and placed in a manner allowing increased scour in the stream channel. Rocks and logs will be secured in a manner preventing movement by high water. If it appears that a newly installed structure will cause bank erosion, then the area subject to erosion will be fortified with additional rock or woody material. On completion of instream activities, all disturbed areas will be reseeded or planted with species indigenous to the area.

The project will also stabilize a 500-foot section of the stream bank, using bioengineering techniques, beginning at the farthest down-stream constrictor site. Bank stabilization will consist of placing a brush mattress along the right bank.

Upon completion of instream structures, stream bank stabilization work, and revegetation of disturbed areas, the entire length of the stabilized and revegetated area will be fenced to exclude livestock. Fence dimensions are 5 feet high by 600 feet long. Fencing will consist of 5-strand barbed wire with 6-foot metal "T" posts placed every 12 feet, and one treated-wood 6 X 6 post placed every 60 feet, as well as at each turn in the fence. Wood posts will be fortified with diagonally placed treated-wood 4 X 4 posts. Diagonal posts will be placed to help vertical posts resist tension placed on the fence. An "H" brace will be installed at least every 1/4 mile, or as needed at turns.

## **PERMITS**

DFG 1601/03 Streambed Alteration Agreement; Landowner Access Agreement; U.S. Corps of Engineers 404 permit; Regional Water Quality Control Board 401 permit; and California Environmental Quality Act compliance.

## **SCHEDULE**

Work will be accomplished during summer low-flow periods when there will be minimal effects on developing juvenile salmonids. It is estimated that the entire project will require six weeks to complete. Construction is expected to be from the last week in August 1998 through the first week in October 1998.

**THIS BUDGET FORMAT MUST BE USED OR PROPOSAL WILL BE REJECTED**

**EXAMPLE**

**ESTIMATED BUDGET**

			Amount Requested	Amount of Cost Share	Project Total
<b><u>PERSONNEL COSTS</u></b>					
<b><u>Level of Staff</u></b>	<b><u>Number of Hours</u></b>	<b><u>Hourly Rate</u></b>			
Project Leader	100	\$15.00	\$ 1,500.00	\$ 0.00	\$ 1,500.00
Laborers	200	\$10.00	2,000.00	0.00	2,000.00
Staff Benefits at 30%			1,050.00	0.00	1,050.00
<b>TOTAL PERSONNEL COSTS</b>			<b><u>\$ 4,550.00</u></b>	<b><u>\$ 0.00</u></b>	<b><u>\$ 4,550.00</u></b>
<b><u>OPERATING EXPENSES</u></b>					
Construction materials (32 cubic yards angular boulders @ \$15.00/cubic yard; 6-20 ft. logs @ \$300/log; 600 ft. fencing material: 50 "T" posts, 22-4X4 wooden posts, 16-6x6 wooden posts, and barbed wire, total \$800)			\$ 3,155.00	\$ 4,350.00	\$ 7,505.00
Construction supplies			1,000.00	0.00	1,000.00
Tools and instruments			350.00	0.00	350.00
Seeds, plants and fertilizer			400.00	0.00	400.00
Safety items and clothing			200.00	0.00	200.00
Equipment lease/rental (excavator, lowboy)			0.00	7,425.00	7,425.00
Transportation costs (1,161 mi. @ \$0.31/mi.)			0.00	360.00	360.00
Building/storage rental			0.00	250.00	250.00
Photographic supplies			175.00	0.00	175.00
Printing and duplicating			200.00	0.00	200.00
Other (List below)					
401 permit			500.00	0.00	500.00
Liability Insurance			500.00	0.00	500.00
Workers Compensation Insurance			1,247.00	0.00	1,247.00
<b>TOTAL OPERATING EXPENSES</b>			<b><u>\$ 7,727.00</u></b>	<b><u>\$ 12,385.00</u></b>	<b><u>\$20,612.00</u></b>
<b>TOTAL ESTIMATED BUDGET</b>			<b>\$12,277.00</b>	<b>\$12,385.00</b>	<b>\$24,662.00</b>
<b>PERCENT COST SHARE: 51.8%</b>					

## EXAMPLE

### (INSTRUCTIONS FOR ESTIMATED BUDGET)

#### PERSONNEL COSTS

**You must include each level of staffing necessary to complete the proposed project, the number of hours for each level, the hourly rate and an extended total. For example:**

Level of Staff	Number of Hours	Hourly Rate	Total
Administrator	32	\$5.00	\$ 480.00
Laborer	336	\$6.50	2,184.00
Total			\$ 2,664.00
Staff Benefits at 26%			693.00
TOTAL PERSONNEL COSTS			\$ 3,357.00

#### OPERATING EXPENSES

**Provide as much detail as possible. For example:**

Construction materials:

Board feet of lumber at cost per thousand board feet

Cubic yards of gravel at cost per cubic yard

Fish food:

Number of pounds at cost per pound

Equipment lease/rental:

Dump truck -- two days at cost per day

**Apply administrative overhead on a percentage basis only for those administrative costs incurred to complete the project that cannot otherwise be included as costs in other budget categories.** "Percentage" administrative or "overhead" costs must be justified on a line-item basis at contract conclusion if requested by the contracting State agency (DFG) or during contract auditing.

#### COST SHARE CALCULATION

The cost share percentage is calculated by using the following formula:

Cost share percent = Cost share dollars / Total project cost X 100

Note: Total project cost = amount requested plus cost share claimed.

Example: cost share amount = \$13,035  
amount requested = \$12,127  
total project cost = \$25,162

Cost share =  $13,035 / 25,162 \times 100 = 51.8\%$

**Use this in conjunction with sample budget format on proceeding page. Projects receiving funds will be required to use this format for billing DFG.**

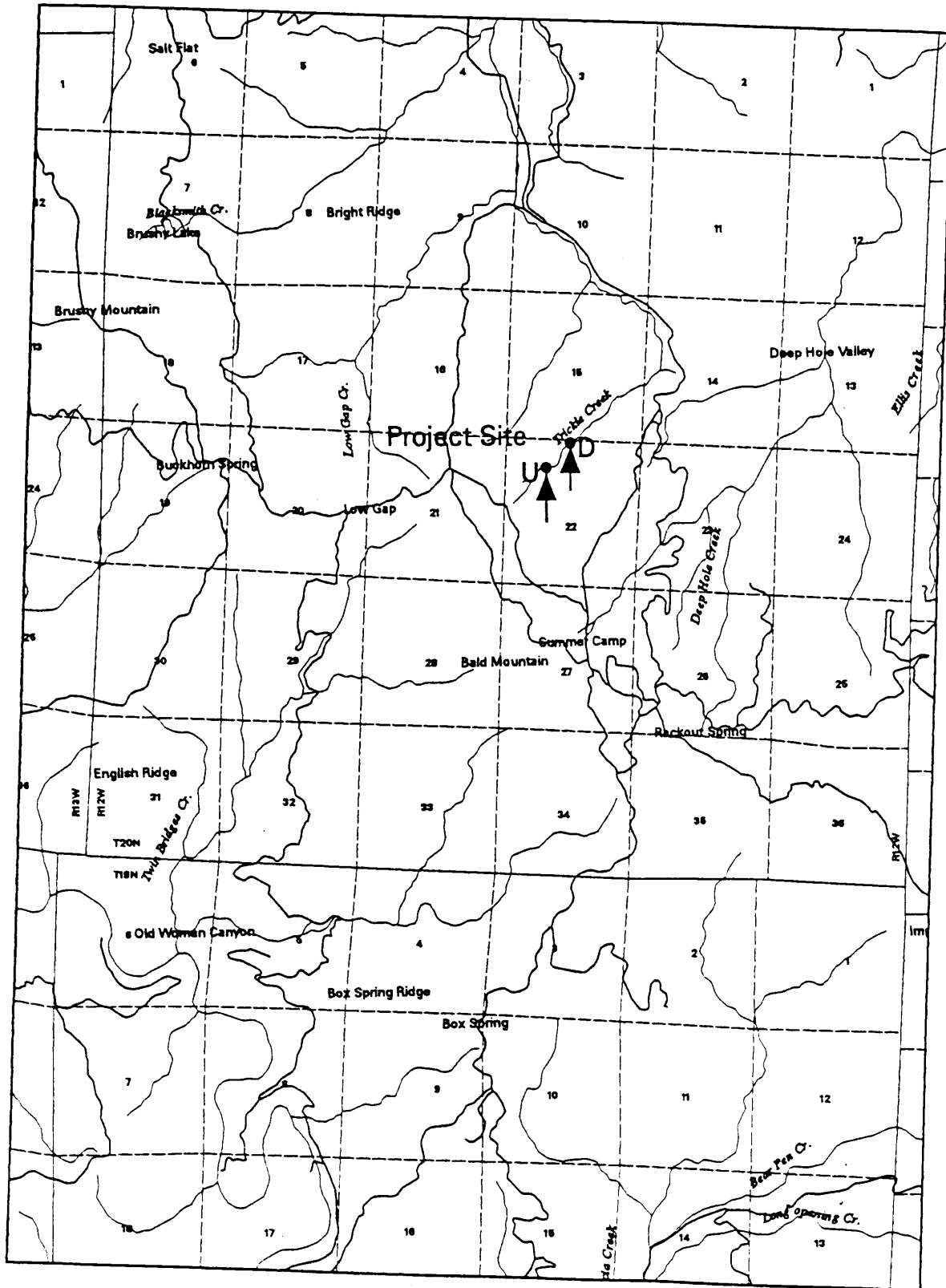
# EXAMPLE

## PROJECT SITE MAP

### ACME STUMP GRUBBERS

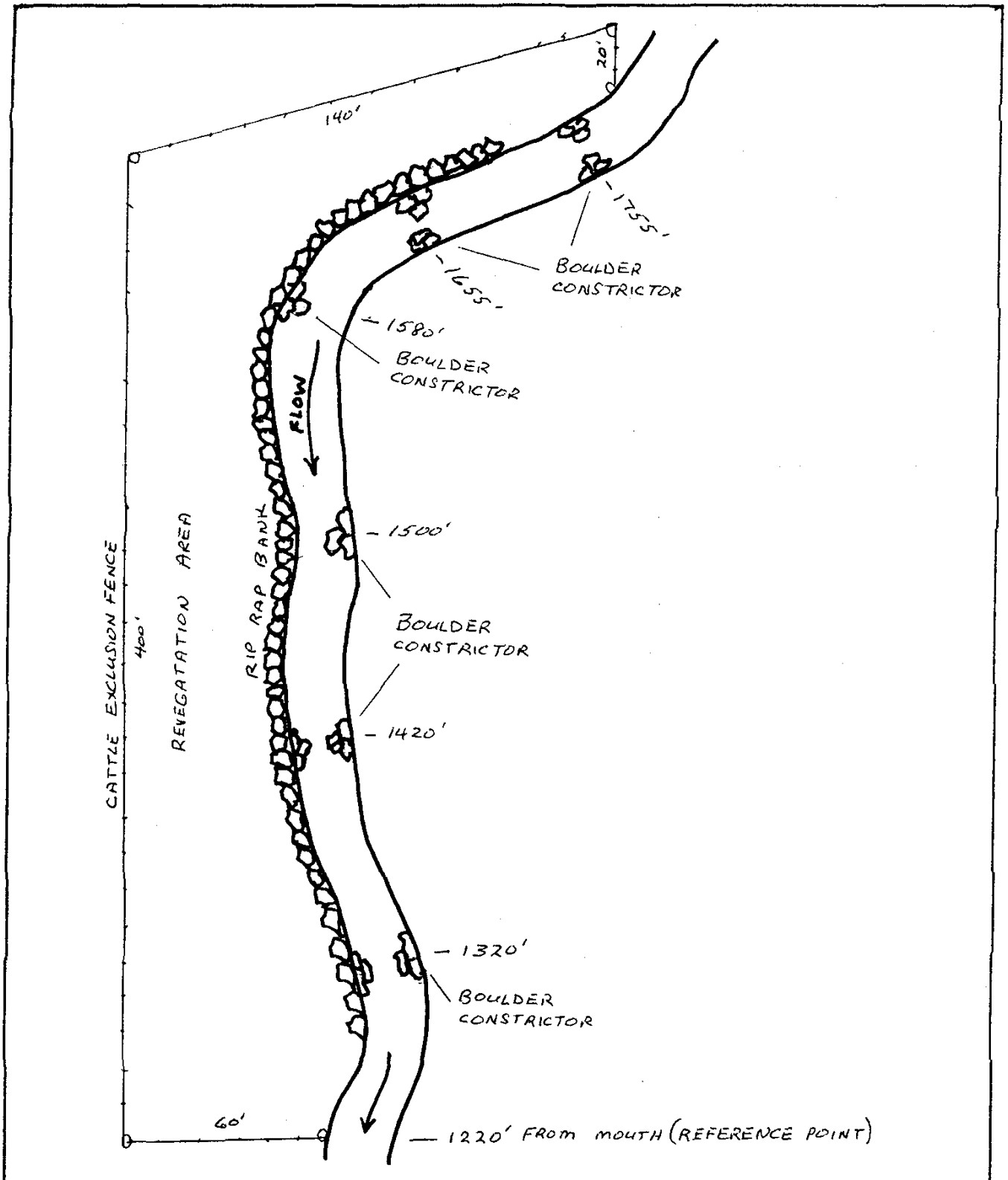
Trickle Creek Stream Restoration Project No. 1  
USGS 7.5 Minute Topographic Map: STINKER Quad  
(contour lines omitted for clarity)

A legible 8.5 x 11" photocopy of original U.S. Geological Survey (USGS) 7.5-minute topographic quadrangle





EXAMPLE



PLAN VIEW DIAGRAM

TRICKLE CREEK RESTORATION PROJECT NO. 1

Acme Stump Grubbers

March 15, 1997

**Example**

**COOPERATIVE FISH REARING PROPOSAL  
SUMMARY SHEET**

- 1. Contractor:** ..... Dry Creek Salmon Hatchery
- 2. Type of Contractor:** (Public Agency; Nonprofit Organization; Private Enterprise; Indian Tribe)
- 3. Street Address:** ..... P.O. Box 123
- 4. City:** ..... Pine Valley
- 5. State:** ..... CA
- 6. Zip Code:** ..... 95678
- 7. Contact Person:** ..... Bob R. Float
- 8. Telephone Number:** ..... (999) 888-7777 Fax (999) 888-1234
- 9. Project Title:** ..... Dry Creek Salmon Enhancement Project
- 10. Funding Request:** ..... \$20,000
- 11. Objective:** Trap and spawn sufficient salmon and steelhead adults to produce: 60,000 chinook salmon for release as smolts; 20,000 coho salmon and 40,000 steelhead trout for release as yearlings. Fish to be released into underpopulated tributaries of Dry Creek.
- 12. Species Benefitted:** ..... Chinook Salmon, Coho Salmon, Steelhead
- 13. Work Schedule:** ..... October 15, 1998 through May 30, 1999
- 14. County:** ..... Bayview
- 15. Stream:** ..... Dry Creek
- 16. Tributary to:** ..... Muddy River
- 17. Major Drainage System:** ..... Muddy River
- 18. Assembly District:** ..... 10
- 19. Senate District:** ..... 3
- 20. Past Contractor** (Contracted with DFG in the past for fisheries restoration work?): .... Yes/No
- 21. Federal Taxpayer ID#:** ..... (i.e., CORP. #22-7777777 or SS # 626-98-2947)
- 22. Project Site Falls Within Coastal Zone?** ..... Yes/No
- 23. Project Site Falls Within Klamath River Basin?** ..... Yes/No
- 24. Project Site Falls Within Trinity River Basin?** ..... Yes/No
- 25. Project Type Code:** ..... RE

## Example

### **Dry Creek Salmon Hatchery Additional Information**

#### **BACKGROUND**

Dry Creek historically had a large population of salmon and steelhead within the system according to DFG Fishery Biologist, Ima Troller. Returning adult salmon and steelhead numbers have declined since several seasonal dams were constructed on Muddy River in 1975 for agricultural and drinking water usage. Dry Creek Salmon Enhancement Project has been rearing fish on Dry Creek since 1980 in an effort to reestablish and enhance the salmon and steelhead runs within the Muddy River system and to benefit the sport and commercial fishery. All operations have been in accordance with DFG trapping and rearing permit, NMFS permit, RWQCB, and as described in the 1993 approved DFG Five Year Plan.

Dry Creek Salmon Hatchery works in cooperation with the Big Trees Lumber Company to not only produce fish, but to improve the fish habitat as well. Several restoration projects have been completed in the upper reaches of Muddy River. The main goal of Dry Creek Salmon Enhancement Project is to enhance the salmon and steelhead fishery within the Muddy River system, and to restore and maintain habitat which is vital to a self-sustaining fishery.

#### **PROPOSED LAND USE**

Big Trees Lumber Company has authorized Dry Creek Salmon Enhancement Project to operate a fish rearing facility on the property until the year 2010. Approximately seventy-five percent of the land is open to the public for recreation, i.e., fishing, and hiking.

#### **OBJECTIVE**

Dry Creek Salmon Enhancement Project objectives are to enhance the salmon and steelhead populations by trapping and spawning returning adult brood stock to produce 60,000 chinook smolts, 20,000 coho salmon and 40,000 steelhead yearlings. Efforts will be made to continue involvement in the classroom education program by supplying approximately 250 chinook eggs to eight local schools.

#### **LOCATION**

Dry Creek Salmon Hatchery is located 4.5 miles above the confluence of Dry Creek and Muddy River. Access to the hatchery is gained by using County Road 4, off Highway 101, 6 miles east of the town of Pine Valley. Three trap sites are located at: 1) Dry Creek Salmon Hatchery, 2) 4.2 miles above the confluence of Dry Creek and Muddy River, 3) 2.7 miles above the confluence of Dry Creek and Muddy River.

#### **PROJECT DESCRIPTION**

A portable fyke trap and aluminum panel weirs will be placed in one of three locations on Dry Creek. The trap will be operated every other day to allow natural fish migration upstream. A maximum of 20 female and 40 male chinook salmon, 9 female and 18 male coho salmon, and 10 female and 20 male steelhead will be trapped and placed into the hatchery adult holding pools. Adult brood stock are placed into numbered PVC tubes and transported to the hatchery. Adults are held until ripe for spawning. Eggs will be incubated in Heath vertical incubators and hatch-jars. Deep troughs and circular pools will be used to rear all fish. Fish ready for planting will be transported in a 400 gallon oxygenated and aerated transport tank. Planting of fish into the Dry Creek and Muddy River system will be as directed by DFG.

Hatchery personnel consist of a Hatchery Manager, a Fish Culturist, and an Assistant. The hatchery is monitored 24 hours a day by hatchery personnel. The hatchery is governed by a five-member Board of Directors. The hatchery also uses approximately 700 hours of volunteer labor annually for general hatchery maintenance, fish culture and marking of fish. Records are maintained of trapping, spawning, rearing, planting, and water quality.

## **PERMITS**

Department of Fish and Game Trapping and Rearing Permit, NMFS Listed Species Permit (Section 10), California Environmental Quality Act compliance, and Department of Fish and Game approved Five Year Plan. **Contact DFG Cooperative Fish Rearing Coordinator, Mr. Jerry Ayers, telephone (707) 725-1058, for specific information on any other permits that may be needed for your project.**

## **SCHEDULE**

Trapping operations will begin with the first storms in the fall which usually occur around November 1, and will continue through March 15. Marking of chinook salmon occurs during late February and early March. Coho salmon and steelhead are marked when they reach a targeted size of 60-90 fish per pound. Chinook salmon will be released in May and June 1998 as smolts, while the coho salmon and steelhead will be reared to yearlings and released after March 15, 1999.

Hatchery operations and fish culture are performed daily. Hatchery and grounds maintenance are performed July through October. The hatchery is open to the public seven days a week for self-guided tours.

**THIS BUDGET FORMAT MUST BE USED OR PROPOSAL WILL BE REJECTED**

**EXAMPLE**

**Dry Creek Salmon Enhancement Project  
ESTIMATED BUDGET**

			Amount Requested	Amount of Cost Share	Project Total
<b><u>PERSONNEL COSTS</u></b>					
<b><u>Level of Staff</u></b>	<b><u>Number of Hours</u></b>	<b><u>Hourly Rate</u></b>			
Hatchery Manager	1000	\$10.00	\$5,000.00	\$5,000.00	\$10,000.00
Fish Culturist	1500	8.00	5,000.00	7,000.00	12,000.00
Assistant/Laborer	500	7.00	1,750.00	1,750.00	3,500.00
Volunteer Labor	700	5.50		3,850.00	3,850.00
Staff Benefits at 28%			3,290.00	4,928.00	8,218.00
<b>TOTAL PERSONNEL COSTS</b>			<b><u>\$15,040.00</u></b>	<b><u>\$22,528.00</u></b>	<b><u>\$37,568.00</u></b>
<b><u>OPERATING EXPENSES</u></b>					
Construction supplies (Fiberglass panels for Trough covers)			\$ 100.00	\$ 100.00	\$ 200.00
Fish cultural supplies (MS222, salt, nets, boots)			2,000.00	1,000.00	3,000.00
Fish food (Starter Diet:160kg at 1.80/kg Grower: 200kg at 2.40/kg Moist/Semi-moist pellets: 2,000 lbs at 0.61/lb)			2,000.00	0.00	2,000.00
Postage			60.00	0.00	60.00
Printing and duplicating			50.00	0.00	50.00
Telephone			100.00	0.00	100.00
Tools and instruments			0.00	200.00	200.00
Transportation costs (322 mi. @ 0.31/mi)			100.00	0.00	100.00
Utilities			300.00	0.00	300.00
Liability Insurance			250.00	300.00	550.00
<b>TOTAL OPERATING EXPENSES</b>			<b><u>\$ 4,960.00</u></b>	<b><u>\$ 1,600.00</u></b>	<b><u>\$ 6,560.00</u></b>
<b>TOTAL ESTIMATED BUDGET</b>			<b>\$20,000.00</b>	<b>\$24,128.00</b>	<b>\$44,128.00</b>

PERCENT COST SHARE: 54.7%

## EXAMPLE

### (INSTRUCTIONS FOR ESTIMATED BUDGET)

#### PERSONNEL COSTS

**You must include each level of staffing necessary to complete the proposed project, the number of hours for each level, the hourly rate and an extended total.** For example:

Level of Staff	Number of Hours	Hourly Rate	Total
Hatchery Manager	1000	\$10.00	\$10,000.00
Fish Culturist	1500	8.00	12,000.00
Assistant/Laborer	500	7.00	3,500.00
Volunteer Labor	700	5.50	3,850.00
Total			\$29,350.00
Staff Benefits at 26%			8,218.00
TOTAL PERSONNEL COSTS			\$37,568.00

#### OPERATING EXPENSES

Provide as much detail as possible. For example:

Construction supplies:  
    Fiberglass panels for trough covers  
Fish food:  
    Number of pounds at cost per pound  
Equipment lease/rental:  
    Dump truck -- two days at cost per day

**Apply administrative overhead on a percentage basis only for those administrative costs incurred to complete the project that cannot otherwise be included as costs in other budget categories.** "Percentage" administrative or "overhead" costs must be justified on a line-item basis at contract conclusion if requested by the contracting State agency (DFG) or during contract auditing.

#### COST SHARE CALCULATION

The cost share percentage is calculated by using the following formula:

Cost share percent = Cost share dollars / Total project cost X 100

Note: Total project cost = amount requested plus cost share claimed.

Example: cost share amount = \$24,128  
          amount requested= \$20,000  
          Total project cost = \$44,128

Cost share = 24,128/44,128 X 100 = 54.7%

**Use this in conjunction with sample budget format on proceeding page. Projects receiving funds will be required to use this format for billing DFG.**

**EXAMPLE**

**Dry Creek Salmon Enhancement Project  
Summary of Production Costs for Past Five Years**

<b>Average Broodyear Cost/Fish</b>	<b>Number of Fish Released</b>	<b>Project</b>	<b>Total Cost</b>
1996/97	50,000 fingerlings 50,000 yearlings	\$40,000	\$0.40
1995/96	47,000 fingerlings 55,000 yearlings	\$44,000	\$0.46
1994/95	40,000 fingerlings 35,000 yearlings	\$31,000	\$0.41
1993/94	57,000 fingerlings 58,000 yearlings	\$42,500	\$0.36
1992/93	35,000 fingerlings 27,000 yearlings	\$26,000	\$0.41

Annual production costs have been below Production Cost Standards for the past five years.

**EXAMPLE**  
**(HABITAT RESTORATION PROJECT LANDOWNER AGREEMENT)**

**ACME STUMP GRUBBERS**  
P.O. Box 456  
Halfway Hill, CA 95677

**STREAM HABITAT RESTORATION PROJECT AGREEMENT**  
Trickle Creek Stream Restoration Project #1

**I. PURPOSE**

The following agreement details requirements of both the landowner and the Acme Stump Grubbers regarding establishment of a stream habitat improvement project on real property controlled by the landowner named below. Said property is located approximately two miles upstream from the mouth of Trickle Creek, tributary to Ample Creek (see map attached to proposal).

I, \_\_\_\_\_, hereinafter "Landowner", am aware that a stream habitat restoration project has been submitted to the Department of Fish and Game for funding consideration. I understand the objectives of the project as proposed in the Trickle Creek Stream Restoration Project #1 (see proposal). The project has been explained to me by the Acme Stump Grubbers. I support the goals of the project.

**II. ACCESS PERMISSION**

Landowner hereby grants Acme Stump Grubbers and California Department of Fish and Game representatives permission to enter onto real property owned by the Landowner to perform pre-project evaluation; and, if an agreement for the project is entered into between the Acme Stump Grubbers and the California Department of Fish and Game, Landowner grants permission to perform the stream habitat restoration work, conduct project inspections, and monitor project for needed maintenance for a 10-year period following project completion. Access shall be limited to those portions of landowner's real property where actual stream restoration work is to be performed and those additional portions of the real property which must be traversed to gain access to the work site.

**III. DURATION OF NOTICE**

The term of this agreement shall be \_\_\_\_\_ months for work performance, and 10 years for maintenance, inspection, and monitoring purposes from the last date of execution shown below. This is provided that Acme Stump Grubbers or the California Department of Fish and Game shall give Landowner reasonable actual notice and any necessary arrangements are made prior to each needed access. Reasonable and actual notice may be given by mail, in person, or by telephone.

This agreement can be amended only by prior written agreement of both parties executing this permit.

**IV. LIABILITIES**

Reasonable precautions will be exercised by Acme Stump Grubbers to avoid damage to persons and property.

Acme Stump Grubbers agrees to indemnify and hold harmless the landowner and agrees to pay for reasonable damages proximately caused by reason of the uses authorized by this permit, except those caused by the gross negligence or intentional conduct of the landowner.

Date \_\_\_\_\_  
Landowner Signature

Date \_\_\_\_\_  
Chuck E. Chainsaw  
Acme Stump Grubbers



## **EXAMPLE**

**(RIPARIAN AREA MANAGEMENT PLAN LANDOWNER AGREEMENT)**  
**ACME STUMP GRUBBERS**  
P.O. Box 456  
Halfway Hill, CA 95677

### **RIPARIAN AREA MANAGEMENT PLAN AGREEMENT**

#### **I. PURPOSE**

The following agreement details the requirements of both the landowner and the Acme Stump Grubbers regarding a livestock exclusion, riparian vegetation restoration project on the real property controlled by the landowner named below. Said property is located approximately two miles upstream of the mouth of Trickle Creek, tributary to Ample Creek (see map attached to proposal).

I, \_\_\_\_\_, hereinafter "Landowner", am aware that a riparian vegetation restoration project has been submitted to the California Department of Fish and Game for funding consideration. I understand the objectives of the project as proposed in the Trickle Creek Stream Restoration Project #1 (see proposal). The project has been explained to me by Acme Stump Grubbers. I support the goals of the project.

For the purpose of this agreement, riparian area shall be defined as the area, including the necessary fence(s), between the fence(s) and the middle of the stream channel. This specifically includes the stream bank and associated vegetation within this area.

I understand the purpose of the livestock exclusion fence detailed in the proposal mentioned above is to exclude livestock from the riparian zone on my property. The fence will allow mature riparian vegetation to become reestablished. A mature riparian community will provide increased stream bank stability, shade and cover for fish and wildlife. The project can only be successful if the fence is maintained long enough for the riparian community to become reestablished.

#### **II. REQUIREMENTS**

Acme Stump Grubbers agrees to:

1. Contingent on receiving funding from the California Department of Fish and Game, provide monies for purchase of materials and supplies to construct livestock exclusion fencing on landowners real property as described in proposal.
2. Provide labor necessary for initial installation of livestock exclusion fencing on landowner's real property.
3. Provide technical assistance during the contract life for management of the riparian area.

Landowner agrees to:

1. Maintain livestock exclusion fence(s) for a period of 10 years from the last date of execution shown below. Maintenance will include repair of fences to a level that will effectively exclude livestock from the livestock exclusion project area. Maintenance will not include damage that exceeds 50 percent of the fence due to natural disaster.
2. Totally exclude livestock from the project area until newly planted trees become well-established. If controlled, limited grazing is essential, landowner will submit a written plan, to the California Department of Fish and Game for approval, that will detail how the limited grazing will not cause damage to desirable vegetation or stream banks within the project area.

3. Once it has been established by the California Department of Fish and Game that limited grazing within the project area is acceptable, grazing will be limited to an amount that will not cause damage to the newly planted trees or stream banks. Generally acceptable limits will be to remove 50 percent of the current year growth of grasses and forbs. Livestock shall be removed before they begin to browse on woody plants. Newly planted trees damaged by browsing will be replaced at landowners expense.

### **III. DURATION OF NOTICE**

The term of this agreement shall be \_\_\_\_\_ months for work performance, and 10 years for maintenance, inspection, and monitoring purposes from the last date of execution shown below. This is provided that Acme Stump Grubbers or the California Department of Fish and Game shall give Landowner reasonable actual notice prior to each needed access. Reasonable and actual notice may be given by mail, in person, or by telephone.

This agreement can be amended only by prior written agreement of both parties executing this permit.

### **IV. LIABILITIES**

Reasonable precautions will be exercised by Acme Stump Grubbers to avoid damage to persons and property.

Acme Stump Grubbers agrees to indemnify and hold harmless the landowner and agrees to pay for reasonable damages proximately caused by reason of the uses authorized by this permit, except those caused by the gross negligence or intentional conduct of the landowner.

Date \_\_\_\_\_  
Landowner Signature \_\_\_\_\_

Date \_\_\_\_\_  
Chuck E. Chainsaw  
Acme Stump Grubbers

## **EXAMPLE**

### **(COOPERATIVE FISH REARING PROJECTS LANDOWNER AGREEMENT)**

**Dry Creek Salmon Enhancement Project**

**P.O. Box 123, Pine Valley, CA 95678**

**Access/Entry Agreement**

#### **I. PURPOSE**

The following agreement details requirements of both the landowner and the Dry Creek Salmon Enhancement Project regarding establishment of a fishery enhancement project on real property controlled by the landowner named below. Said property is located four and one half miles from the mouth of Dry Creek, tributary to Muddy River (See map attached to proposal).

I, \_\_\_\_\_, hereinafter referred to as "Landowner", am aware that a fish rearing facility and trapping sites are located on Dry Creek, tributary to Muddy River, located on Big Trees Lumber Company property. The project has been explained to me by the Dry Creek Salmon Enhancement Project. I support the goals of the project.

#### **II. ACCESS PERMISSION**

Landowner hereby grants Dry Creek Salmon Enhancement Project and California Department of Fish and Game representatives permission to enter onto real property owned by the Landowner to perform pre-project evaluation; and, if an agreement for the project is entered into between the Dry Creek Salmon Enhancement Project and the California Department of Fish and Game, Landowner grants permission to perform the fishery enhancement work, to conduct field inspections, and to monitor project for needed maintenance or equipment removal for the life of the project. Access shall be limited to those portions of landowner's real property where actual fishery enhancement work is to be performed and those additional portions of real property which must be traversed to gain access to the work site.

#### **III. DURATION OF NOTICE**

The term of this agreement shall commence upon signing of this Agreement and terminate on \_\_\_\_\_. This Agreement may be terminated by either party at any time, without cause, upon sixty (60) days written notice to the other party.

#### **IV. LIABILITIES**

Reasonable precautions will be exercised by Dry Creek Salmon Enhancement Project to avoid damage to persons and property.

Dry Creek Salmon Enhancement Project agrees to indemnify and hold harmless the landowner and agrees to pay for reasonable damages proximately caused by reason of the uses authorized by this permit, except those caused by the gross negligence or intentional conduct of the landowner.

Date \_\_\_\_\_

\_\_\_\_\_  
Landowner Signature

Date \_\_\_\_\_

\_\_\_\_\_  
Bob R. Float  
Dry Creek Salmon Enhancement Project

**NONDISCRIMINATION COMPLIANCE STATEMENT**

STD. 19 (REV. 2-93)

\_\_\_\_\_  
COMPANY NAME

The company named above (hereinafter referred to as "prospective contractor") hereby certifies, unless specifically exempted, compliance with Government Code Section 12990 (a-f) and California Code of Regulations, Title 2, Division 4, Chapter 5 in matters relating to reporting requirements and the development, implementation and maintenance of a Nondiscrimination Program. Prospective contractor agrees not to unlawfully discriminate, harass or allow harassment against any employee or applicant for employment because of sex, race, color, ancestry, religious creed, national origin, physical disability (including HIV and AIDS), mental disability, medical condition (cancer), age (over 40), marital status, and denial of family care leave.

---

**CERTIFICATION**

---

*I, the official named below, hereby swear that I am duly authorized to legally bind the prospective contractor to the above described certification. I am fully aware that this certification, executed on the date and in the county below, is made under penalty of perjury under the laws of the State of California.*


\_\_\_\_\_  
OFFICIALS NAME\_\_\_\_\_  
DATE EXECUTED\_\_\_\_\_  
EXECUTED IN THE COUNTY OF\_\_\_\_\_  
PROSPECTIVE CONTRACTOR'S SIGNATURE\_\_\_\_\_  
PROSPECTIVE CONTRACTOR'S TITLE\_\_\_\_\_  
PROSPECTIVE CONTRACTOR'S LEGAL BUSINESS NAME  
\_\_\_\_\_  
\_\_\_\_\_

**DRUG-FREE WORKPLACE CERTIFICATION**

STD. 21 (REV. 12-93)

**CERTIFICATION**

*I, the official named below, hereby swear that I am duly authorized legally to bind the contractor or grant recipient to the certification described below. I am fully aware that this certification, executed on the date below, is made under penalty of perjury under the laws of the State of California.*

CONTRACTOR/BIDDER FIRM NAME	FEDERAL ID NUMBER
BY (Authorized Signature) 	DATE EXECUTED
PRINTED NAME AND TITLE OF PERSON SIGNING	TELEPHONE NUMBER (Include Area Code) (     )
TITLE	
CONTRACTOR/BIDDER FIRM'S MAILING ADDRESS	

The contractor or grant recipient named above hereby certifies compliance with Government Code Section 8355 in matters relating to providing a drug-free workplace. The above named contractor or grant recipient will:

1. Publish a statement notifying employees that unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance is prohibited and specifying actions to be taken against employees for violations, as required by Government Code Section 8355(a).
2. Establish a Drug-Free Awareness Program as required by Government Code Section 8355(b), to inform employees about all of the following:
  - (a) The dangers of drug abuse in the workplace,
  - (b) The person's or organization's policy of maintaining a drug-free workplace,
  - (c) Any available counseling, rehabilitation and employee assistance programs, and
  - (d) Penalties that may be imposed upon employees for drug abuse violations.
3. Provide as required by Government Code Section 8355(c), that every employee who works on the proposed contract or grant:
  - (a) Will receive a copy of the company's drug-free workplace policy statement, and
  - (b) Will agree to abide by the terms of the company's statement as a condition of employment on the contract or grant.
4. At the election of the contractor or grantee, from and after the "Date Executed" and until \_\_\_\_\_<sup>(DATE)</sup> (NOT TO EXCEED 36 MONTHS), the state will regard this certificate as valid for all contracts or grants entered into between the contractor or grantee and this state agency without requiring the contractor or grantee to provide a new and individual certificate for each contract or grant. If the contractor or grantee elects to fill in the blank date, then the terms and conditions of this certificate shall have the same force, meaning, effect and enforceability as if a certificate were separately, specifically, and individually provided for each contract or grant between the contractor or grantee and this state agency.

## PAYEE DATA RECORD

**(Required in lieu of IRS W-9 when doing business with the State of California)**

STD. 204 (REV. 2-99)

**NOTE: Governmental entities, federal, state, and local (including school districts) are not required to submit this form.**

SECTION 1 must be completed by the requesting state agency before forwarding to the payee


<div style="border: 1px solid black; padding: 2px; display: inline-block; width: 20px; text-align: center;">1</div>   <b>PLEASE RETURN TO:</b>	DEPARTMENT/OFFICE	<b>PURPOSE:</b> Information contained in this form will be used by state agencies to prepare information Returns (Form 1099) and for withholding on payments to nonresident payees. Prompt return of this fully completed form will prevent delays when processing payments.  <i><b>(See Privacy Statement on reverse)</b></i>
	STREET ADDRESS	
	CITY, STATE, ZIP CODE	
	TELEPHONE NUMBER	

2	PAYEE'S BUSINESS NAME
	SOLE PROPRIETOR--ENTER OWNER'S FULL NAME HERE <i>(Last, First, M.I.)</i>
	MAILING ADDRESS <i>(Number and Street or P. O. Box Number)</i>
	<i>(City, State and Zip Code)</i>

3	CHECK ONE BOX ONLY	
PAYEE ENTITY TYPE	<input type="checkbox"/> <b>MEDICAL CORPORATION</b> <i>(Including dentistry, podiatry, psychotherapy, optometry, chiropractic, etc.)</i>	<input type="checkbox"/> <b>PARTNERSHIP</b>
	<input type="checkbox"/> <b>EXEMPT CORPORATION</b> <i>(Nonprofit)</i>	<input type="checkbox"/> <b>ESTATE OR TRUST</b>
	<input type="checkbox"/> <b>ALL OTHER CORPORATIONS</b>	<input type="checkbox"/> <b>INDIVIDUAL/SOLE PROPRIETOR</b>
<b>NOTE:</b> State and local governmental entities, including school districts are not required to submit this form.		

[illegible]

5	<p>CHECK APPROPRIATE BOX(ES)</p> <p><b>PAYEE RESIDENCY STATUS</b></p> <p><input type="checkbox"/> California Resident - Qualified to do business in CA or a permanent place of business in CA</p> <p><input type="checkbox"/> Nonresident (<i>See Reverse</i>) Payments to nonresidents for services may be subject to state withholding</p> <p><input type="checkbox"/> WAIVER OF STATE WITHHOLDING FROM FRANCHISE TAX BOARD ATTACHED</p> <p><input type="checkbox"/> SERVICES PERFORMED OUTSIDE OF CALIFORNIA</p>	<p><b>NOTE:</b></p> <p><b>a.</b> An estate is a resident if decedent was a California resident at time of death.</p> <p><b>b.</b> A trust is a resident if at least one trustee is a California resident. (<i>See reverse</i>)</p>
---	---	--

<div style="border: 1px solid black; padding: 2px; display: inline-block;">6</div>    <b>CERTIFYING SIGNATURE</b>	<p><i><b>I hereby certify under penalty of perjury that the information provided on this document is true and correct. If my residency status should change, I will promptly inform you.</b></i></p>		
	AUTHORIZED PAYEE REPRESENTATIVE'S NAME <i>(Type or Print)</i>		TITLE
	SIGNATURE  	DATE	TELEPHONE NUMBER

# APPENDIX B

## DEPARTMENT OF FISH AND GAME ADDRESS AND TELEPHONE LIST

**Native Anadromous Fish and Watershed Branch Program Headquarters** ..... 916-327-8840  
1807 13th Street, Suite 104  
Sacramento, CA 95814

Mr. Mike Bird, Senior Fish Habitat Supervisor,  
Contracts and Grants Oversight ..... 916-327-8842  
Ms. Mary Brawner, Associate Governmental Program Analyst ..... 916-327-8845

**Northern California - North Coast Region Headquarters** ..... 530-225-2300  
601 Locust  
Redding, CA 96001

Mr. Gary Stacey, Senior Fishery Biologist ..... 530-225-2364  
Mr. Mark Stopher, Environmental Services Supervisor ..... 530-225-2275  
Mr. Tom Stone, Senior Wildlife Biologist ..... 530-225-2308  
Mr. Phil Warner, Senior Fish Habitat Supervisor ..... 530-225-2307  
Mr. Kevin Gale, Fish Habitat Specialist,  
Contract Administrator ..... 530-225-2300  
Mr. Barry Collins, Associate Fishery Biologist,  
Monitoring and Data Management (Fortuna) ..... 707-725-0976  
Mr. Scott Downie, Senior Fish Habitat Supervisor,  
Watershed Planner (Eel & Mattole Rivers) (Fortuna) ..... 707-725-0368  
Mr. Gary Flosi, Senior Fish Habitat Supervisor,  
Habitat Evaluation (Fortuna) ..... 707-725-1912  
Mr. Jerry Ayers, Fish Hatchery Manager,  
Fish Rearing Coordinator (Fortuna) ..... 707-725-1807  
Mr. Larry Preston, Associate Fishery Biologist (Eureka) ..... 707-441-5736  
Mr. David McLeod, Associate Fishery Biologist (Eureka) ..... 707-441-5791  
Mr. John Schwabe, Fish Habitat Specialist (Eureka) ..... 707-441-2006  
Mr. Dennis Maria, Fishery Biologist (Yreka) ..... 530-841-2552  
Mr. Bernie Aguilar, Associate Fishery Biologist (Lewiston) ..... 530-778-0218  
Mr. Jim Thompson, Fish Habitat Specialist ..... 530-778-3625

**Sacramento Valley - Central Sierra Region Headquarters** ..... 916-358-2900  
1701 Nimbus Road  
Rancho Cordova, CA 95670

Mr. Pat O'Brien, Senior Fishery Biologist ..... 916-358-2935  
Mr. Ralph Carpenter, Senior Fishery Biologist ..... 916-358-2943  
Mr. Larry Eng, Environmental Services Supervisor ..... 916-358-2919  
Ms. Pat Perkins, Senior Wildlife Biologist ..... 916-358-2868  
Mr. Ron Bertram, Senior Wildlife Biologist ..... 916-358-2869  
Mr. Robert Mapes, Senior Wildlife Biologist ..... 916-358-2883

<b><u>Central Coast Region Headquarters</u></b> .....	707-944-5500
7329 Silverado Trail	
P.O. Box 47	
Yountville, CA 94599	
Mr. John Emig, Senior Fishery Biologist .....	707-944-5567
Mr. Carl Wilcox, Environmental Services Supervisor .....	707-944-5525
Mr. Jim Swanson, Senior Wildlife Biologist .....	707-944-5528
Mr. Bob Snyder, Fish Habitat Supervisor .....	707-944-5535
Mr. Herb Pool, Fish Habitat Specialist, Contract Administrator (Ukiah) .....	707-468-0259
Mr. Bob Coey, Associate Fishery Biologist, Watershed Planner (Russian River) (Hopland) .....	707-744-8704
Mr. Doug Albin, Associate Fishery Biologist, Watershed Planner (Fort Bragg) .....	707-964-7683
Mr. Bill Cox, Associate Fishery Biologist (Sebastapool) .....	707-823-1001
Mr. Alan Grass, Fish Habitat Specialist .....	707-743-1535
Mr. Scott Harris, Associate Fishery Biologist .....	707-459-2238
Mr. Steve Cannata, Associate Fishery Biologist .....	707-277-7052
 <b><u>Central Coast Region - Monterey Office</u></b> .....	831-649-2870
20 Lower Ragsdale Road, Suite 100	
Monterey, CA 93940	
Mr. Pat Coulston, Senior Fishery Biologist .....	831-649-2882
Ms. Jennifer Nelson, Associate Fishery Biologist .....	831-649-7153
Ms. Terry Palmisano, Senior Wildlife Biologist .....	408-848-2576
Ms. Patricia Anderson, Associate Fishery Biologist .....	831-724-7130
Ms. Margaret Roper, Fishery Biologist .....	831-842-8917
Mr. Marty Gingras, Associate Fishery Biologist (Watershed Planner) .....	831-649-2885
Mr. Dave Highland, Fish Habitat Specialist .....	805-466-0341
 <b><u>San Joaquin Valley - Southern Sierra Region Headquarters</u></b> .....	559-243-4005
1234 E. Shaw Ave.	
Fresno, CA 93710	
Mr. Jerry Staley, Senior Fishery Biologist .....	559-243-4005 ext. 154
Mr. Dale Mitchell, Environmental Services Supervisor .....	559-243-4014
Mr. Ed Smith, Senior Wildlife Biologist .....	559-243-4005 ext. 131
Mr. Randy Kelly, Senior Fishery Biologist .....	559-243-4005 ext. 174 or 559-928-3080
 <b><u>South Coast Region - San Diego Office</u></b> .....	858-467-4201
4949 Viewridge Avenue	
San Diego, CA 92123	
Ms. Morgan Wehtje, Environmental Services Supervisor (Santa Barbara) .....	805-491-3571
Mr. Larry Sitton, Senior Wildlife Biologist .....	562-590-5168
Mr. Scott Harris, Wildlife Biologist .....	805-568-1231
Mr. Maurice Cardenas, Fishery Biologist. ....	805-640-9153



# APPENDIX C

## PROPOSAL SCORING PROTOCOLS

Watershed Assessment (AS) .....	C3
Total Daily Managed Load (TDML) Plans (TP) .....	C4
Habitat Restoration (HI, HB, HR, HU, HP, HA) .....	C5
Public Involvement (PI, includes capacity building) .....	C6
Monitoring to Collect Data (MD) .....	C7
Research (RP) .....	C8
Education (ED) .....	C9
Cooperative Rearing (RE) .....	C11
Standardized Costs Examples .....	C15

## WATERSHED ASSESSMENT PROJECT (AS)

Proposal # \_\_\_\_\_ Proposal Name \_\_\_\_\_  
Date \_\_\_\_\_ Raters \_\_\_\_\_ Region \_\_\_\_\_

Proposal not biologically sound or project is lacking sufficient detail to allow cost analysis score "O" for  
Total Score: Please explain: \_\_\_\_\_  
\_\_\_\_\_

### Section One: Biological Conditions and Need

Score

Anadromous salmonid species currently present: (2 points each)

Chinook \_\_\_\_\_ Coho \_\_\_\_\_ Steelhead \_\_\_\_\_ Cutthroat \_\_\_\_\_

Anadromous salmonids historically present that could be restored: (2 points each)

Chinook \_\_\_\_\_ Coho \_\_\_\_\_ Steelhead \_\_\_\_\_ Cutthroat \_\_\_\_\_

Listed species present: 4 pts. endangered; 2 pts. threatened; 1 pt. candidate

Chinook \_\_\_\_\_ Coho \_\_\_\_\_ Steelhead \_\_\_\_\_

Restorable listed species: 4 pts. endangered; 2 pts. threatened; 1 pt. candidate

Chinook \_\_\_\_\_ Coho \_\_\_\_\_ Steelhead \_\_\_\_\_

### Total Section One

\_\_\_\_\_

### Section Two: Project Focus and Technical Merit of Project

Select one of the following four:

Develop complete watershed plan as described on Page A11, score "15" points: \_\_\_\_\_

Develop further assessment identified as necessary to complete planning process: Score "5" points

Conduct specific assessment based on a watershed plan acceptable to DFG: Score "5" points

Specific assessment not based on **any** previous planning effort: Score "O" points

Potential of proposal to identify limiting factors: (2 pts. high; 1 pt. some; 0 no impact)

Water Quantity \_\_\_\_\_ Water Quality \_\_\_\_\_ Riparian \_\_\_\_\_ Sediment \_\_\_\_\_ Spawning \_\_\_\_\_ Cover \_\_\_\_\_  
Estuary \_\_\_\_\_ Passage \_\_\_\_\_ Entrainment \_\_\_\_\_ Other \_\_\_\_\_

DFG acceptable protocols proposed (2 pts. each): Aerial Photo Analysis \_\_\_\_\_ Road Inventory \_\_\_\_\_

Stream Habitat Inventory \_\_\_\_\_ Riparian Inventory \_\_\_\_\_ Temperature \_\_\_\_\_ Sediment Sampling \_\_\_\_\_

Bio-assessment \_\_\_\_\_ Channel Profile \_\_\_\_\_ Other (list) \_\_\_\_\_

Percentage of watershed included in proposal (1 pt. for each 10%) \_\_\_\_\_

Percentage of landowners willing to cooperate (1 pt. for each 10%) \_\_\_\_\_

### Total Section Two

\_\_\_\_\_

### Section Three: Cost/Benefit Acceptance

Project costs acceptable?

Yes \_\_\_\_\_ No \_\_\_\_\_

If "No" can the project be done for less? (If "No" Score a "O" for Section Three)

Yes \_\_\_\_\_ No \_\_\_\_\_

Describe how \_\_\_\_\_  
\_\_\_\_\_

Total Section Three (Score 0 to 10 on requested funding): \_\_\_\_\_

**TOTAL SCORE**

\_\_\_\_\_

# TOTAL DAILY MANAGED LOAD (TDML) PLAN PROJECT (TP)

Proposal # \_\_\_\_\_ Proposal Name \_\_\_\_\_  
 Date \_\_\_\_\_ Raters \_\_\_\_\_ Region \_\_\_\_\_

Proposal not biologically sound or project is lacking sufficient detail to allow cost analysis score "O" for Total Score: Please explain: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## Section One: Biological Conditions and Need

**Score**

Anadromous salmonid species currently present: (2 points each)

Chinook \_\_\_\_\_ Coho \_\_\_\_\_ Steelhead \_\_\_\_\_ Cutthroat \_\_\_\_\_

Anadromous salmonids historically present that could be restored: (2 points each)

Chinook \_\_\_\_\_ Coho \_\_\_\_\_ Steelhead \_\_\_\_\_ Cutthroat \_\_\_\_\_

Listed species present: 4 pts. endangered; 2 pts. threatened; 1 pt. candidate

Chinook \_\_\_\_\_ Coho \_\_\_\_\_ Steelhead \_\_\_\_\_

Restorable listed species: 4 pts. endangered; 2 pts. threatened; 1 pt. candidate

Chinook \_\_\_\_\_ Coho \_\_\_\_\_ Steelhead \_\_\_\_\_

## Total Section One

## Section Two: Project Focus and Technical Merit of Project

Is project sponsor qualified to prepare a TDML sort of plan? (0-10 pts) \_\_\_\_\_

Likelihood that a plan, if developed, will actually be implemented. (0-20 pts.) \_\_\_\_\_

DFG-acceptable methods will be used in plan development (0-10 pts.) \_\_\_\_\_

Percentage of land in the watershed under sponsor's control that will be covered by plan.  
 (1 pts. for each 10%) \_\_\_\_\_

## Total Section Two

## Section Three: Cost/Benefit Acceptance

Project costs acceptable? Yes \_\_\_\_\_ No \_\_\_\_\_

If "No" can the project be done for less? (If "No" Score a "O" for Section Three) Yes \_\_\_\_\_ No \_\_\_\_\_

Describe how: \_\_\_\_\_  
 \_\_\_\_\_

**Total Section Three** (Score 0 to 10 on requested funding): \_\_\_\_\_

**TOTAL SCORE** \_\_\_\_\_

# HABITAT RESTORATION PROJECT (HI, HS, HR, HU, HP, HA)

Proposal # \_\_\_\_\_ Proposal Name \_\_\_\_\_  
Date \_\_\_\_\_ Raters \_\_\_\_\_ Region \_\_\_\_\_

Proposal not biologically sound or project is lacking sufficient detail to allow cost analysis score "O"  
for Total Score: Please explain: \_\_\_\_\_  
\_\_\_\_\_

## Section One: Biological Conditions and Need

Score

Anadromous salmonid species currently present: (2 points each)

Chinook \_\_\_\_\_ Coho \_\_\_\_\_ Steelhead \_\_\_\_\_ Cutthroat \_\_\_\_\_

Anadromous salmonids historically present that could be restored: (2 points each)

Chinook \_\_\_\_\_ Coho \_\_\_\_\_ Steelhead \_\_\_\_\_ Cutthroat \_\_\_\_\_

Listed species present: 4 pts. endangered; 2 pts. threatened; 1 pt. candidate

Chinook \_\_\_\_\_ Coho \_\_\_\_\_ Steelhead \_\_\_\_\_

Restorable listed species: 4 pts. endangered; 2 pts. threatened; 1 pt. candidate

Chinook \_\_\_\_\_ Coho \_\_\_\_\_ Steelhead \_\_\_\_\_

Limiting factors identified: (2 points each) Water quantity \_\_\_\_\_ Water quality \_\_\_\_\_ Riparian \_\_\_\_\_

Sediment \_\_\_\_\_ Spawning \_\_\_\_\_ Cover \_\_\_\_\_ Estuary \_\_\_\_\_ Passage \_\_\_\_\_ Entrainment \_\_\_\_\_

## Total Section One

## Section Two: Project Focus and Technical Merit of Project

Impact of project on limiting factors: (2 pts. high; 1 pt. some; 0 no impact) Water Quantity \_\_\_\_\_

Water Quality \_\_\_\_\_ Riparian \_\_\_\_\_ Sediment \_\_\_\_\_ Spawning \_\_\_\_\_ Cover \_\_\_\_\_ Estuary \_\_\_\_\_ Passage \_\_\_\_\_  
Entrainment \_\_\_\_\_

Follows Manual or Acceptable Protocol: Yes 4 pts. \_\_\_\_\_ No 0 pt. \_\_\_\_\_

Project will effect limiting factors in a timely manner: 10 - 8 - 6 - 4 - 2 - 0 \_\_\_\_\_

## Total Section Two

## Section Three: Cost/Benefit Acceptance

Project costs acceptable? Yes \_\_\_ No \_\_\_

If "No" can the project be done for less? (If "No" Score a "O" for Section Three) Yes \_\_\_ No \_\_\_

Describe how: \_\_\_\_\_  
\_\_\_\_\_

Total Section Three: (Score 0 to 10 on requested funding): \_\_\_\_\_

TOTAL SCORE \_\_\_\_\_

## PUBLIC INVOLVEMENT PROJECT (PI)

Proposal # \_\_\_\_\_ Proposal Name \_\_\_\_\_  
Date \_\_\_\_\_ Raters \_\_\_\_\_ Region \_\_\_\_\_

Proposal not biologically sound or project is lacking sufficient detail to allow cost analysis score "O" for Total Score: Please explain: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Section One: Biological Conditions and Need

Score

Anadromous salmonid species currently present: (2 points each)

Chinook \_\_\_\_\_ Coho \_\_\_\_\_ Steelhead \_\_\_\_\_ Cutthroat \_\_\_\_\_

Anadromous salmonids historically present that could be restored: (2 points each)

Chinook \_\_\_\_\_ Coho \_\_\_\_\_ Steelhead \_\_\_\_\_ Cutthroat \_\_\_\_\_

Listed species present: 4 pts. endangered; 2 pts. threatened; 1 pt. candidate

Chinook \_\_\_\_\_ Coho \_\_\_\_\_ Steelhead \_\_\_\_\_

Restorable listed species: 4 pts. endangered; 2 pts. threatened; 1 pt. candidate

Chinook \_\_\_\_\_ Coho \_\_\_\_\_ Steelhead \_\_\_\_\_

### Total Section One

### Section Two: Project Focus and Technical Merit of Project

Measurable activities included in proposal (2 pts. each): Develop landowner access \_\_\_\_\_ Organize technical training \_\_\_\_\_ Hold regular meetings \_\_\_\_\_ Organize volunteer activities \_\_\_\_\_ Conduct surveys using DFG accepted protocols \_\_\_\_\_ Develop project proposals \_\_\_\_\_ Develop landowner cooperation leading to watershed plan \_\_\_\_\_ Organize educational activities \_\_\_\_\_ Other (List) \_\_\_\_\_

Limiting factors addressed (2 pts. each): Water Quality \_\_\_\_\_ Water Quantity \_\_\_\_\_ Riparian \_\_\_\_\_ Sediment \_\_\_\_\_ Spawning Habitat \_\_\_\_\_ Cover \_\_\_\_\_ Estuary \_\_\_\_\_ Passage \_\_\_\_\_

Percentage of watershed included in proposal (1pt. for each 25%) \_\_\_\_\_

Percentage of cooperative landowners (1pt for each 25%) \_\_\_\_\_

### Total Section Two

### Section Three: Cost/Benefit Acceptance

Project costs acceptable? Yes \_\_\_\_\_ No \_\_\_\_\_

If "No" can the project be done for less? (If "No" Score a "O" for Section Three) Yes \_\_\_\_\_ No \_\_\_\_\_

Describe how \_\_\_\_\_  
\_\_\_\_\_

Total Section Three (Score 0 to 10 on requested funding): \_\_\_\_\_

TOTAL SCORE \_\_\_\_\_

## MONITORING TO COLLECT DATA PROJECT (MD)

Proposal # \_\_\_\_\_ Proposal Name \_\_\_\_\_  
Date \_\_\_\_\_ Raters \_\_\_\_\_ Region \_\_\_\_\_

Proposal not biologically sound or project is lacking sufficient detail to allow cost analysis score "O"  
for Total Score: Please explain: \_\_\_\_\_

Proposal is for project monitoring after the project implementations are complete? Yes \_\_\_\_ No \_\_\_\_  
If "No" Score a "0" for the Total Score.

### Section One: Biological Conditions and Need

Score

Anadromous salmonid species currently present: (2 points each)

Chinook \_\_\_\_ Coho \_\_\_\_ Steelhead \_\_\_\_ Cutthroat \_\_\_\_

Anadromous salmonids historically present that could be restored: (2 points each)

Chinook \_\_\_\_ Coho \_\_\_\_ Steelhead \_\_\_\_ Cutthroat \_\_\_\_

Listed species present: 4 pts. endangered; 2 pts. threatened; 1 pt. candidate

Chinook \_\_\_\_ Coho \_\_\_\_ Steelhead \_\_\_\_

Restorable listed species: 4 pts. endangered; 2 pts. threatened; 1 pt. candidate

Chinook \_\_\_\_ Coho \_\_\_\_ Steelhead \_\_\_\_

### Total Section One

### Section Two: Project Focus and Technical Merit of Project

DFG acceptable protocols used: (2 pts. each, maximum 20 points) Aerial Photo Analysis \_\_\_\_

Stream Habitat Inventory \_\_\_\_ Temperature \_\_\_\_ Sediment Sampling \_\_\_\_ Channel Profile \_\_\_\_

Spawner Survey \_\_\_\_ Juvenile Biological Sampling \_\_\_\_ Structure Evaluation \_\_\_\_ V-star \_\_\_\_

Other (list) \_\_\_\_\_

Limiting factors measured: (2 pts. each) Water Quality \_\_\_\_ Water Quantity \_\_\_\_ Riparian \_\_\_\_

Sediment \_\_\_\_ Spawning Habitat \_\_\_\_ Cover \_\_\_\_ Estuary \_\_\_\_ Passage \_\_\_\_

Ability to assess limiting factors within the proposed time frame: 10 - 8 - 6 - 4 - 2 - 0

Is proposer qualified to carry out monitoring project? Yes 4 pts No 0 pts, if score is zero  
*reject proposal and attached provide written reasons for the zero score*

### Total Section Two

Section Three: Cost/Benefit Acceptance Project costs acceptable?

Yes \_\_\_\_ No \_\_\_\_

If "No" can the project be done for less? (If "No" Score a "0" for Section Three)

Yes \_\_\_\_ No \_\_\_\_

Describe how: \_\_\_\_\_

Total Section Three (Score 0 to 10 on requested funding):

TOTAL SCORE

## RESEARCH PROJECT (RP)

Proposal # \_\_\_\_\_ Proposal Name \_\_\_\_\_  
Date \_\_\_\_\_ Raters \_\_\_\_\_ Region \_\_\_\_\_

Proposal not biologically sound or project is lacking sufficient detail to allow cost analysis score "O"  
for Total Score: Please explain: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Section One: Biological Conditions and Need

Score

Anadromous salmonid species included in curriculum: (2 points each)

Chinook \_\_\_\_\_ Coho \_\_\_\_\_ Steelhead \_\_\_\_\_ Cutthroat \_\_\_\_\_

Listed species included: 4 pts. endangered; 2 pts. threatened; 1 pt. candidate

Chinook \_\_\_\_\_ Coho \_\_\_\_\_ Steelhead \_\_\_\_\_

### Total Section One

\_\_\_\_\_

### Section Two: Project Focus and Technical Merit of Project

Is project sponsor qualified to conduct research into anadromous fish populations?: (0-35 pts, if zero, score "0"  
for total score, and attach explanation of reasons for concluding that researcher is not qualified) \_\_\_\_\_

Extent to which research findings are likely to assist in restoration of anadromous salmonids, either in the  
area where research is conducted, or for the anadromous species generally (0-35 pts.) \_\_\_\_\_

### Total Section Two

\_\_\_\_\_

### Section Three: Cost/Benefit Acceptance

Project costs acceptable? Yes \_\_\_\_\_ No \_\_\_\_\_

If "No" can the project be done for less? (If "No" Score a "O" for Section Three) Yes \_\_\_\_\_ No \_\_\_\_\_

Describe how: \_\_\_\_\_  
\_\_\_\_\_

### Total Section Three (Score 1 to 10 on requested funding):

\_\_\_\_\_

### TOTAL SCORE

\_\_\_\_\_

## EDUCATION (ED, TE)

Proposal # \_\_\_\_\_ Proposal Name \_\_\_\_\_  
Date \_\_\_\_\_ Raters \_\_\_\_\_ Region \_\_\_\_\_

Proposal not biologically sound or project is lacking sufficient detail to allow cost analysis, score "O"  
for Total Score. Please explain: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Section One: Biological Conditions and Need

Score

Extent the curriculum or proposed activity addresses localized watershed conditions:  
10 - 8 - 6 - 4 - 2 - 0 \_\_\_\_\_

Anadromous salmonid species included in curriculum: (2 points each)

Chinook \_\_\_\_\_ Coho \_\_\_\_\_ Steelhead \_\_\_\_\_ Cutthroat \_\_\_\_\_ \_\_\_\_\_

Listed species included: 4 pts. endangered; 2 pts. threatened; 1 pt. candidate

Chinook \_\_\_\_\_ Coho \_\_\_\_\_ Steelhead \_\_\_\_\_ \_\_\_\_\_

### Total Section One

\_\_\_\_\_

### Section Two: Project Focus and Technical Merit of Project

—

Proposal methods are acceptable to DFG: Yes 12 pts. \_\_\_\_\_ No 0 pts. \_\_\_\_\_ \_\_\_\_\_

DFG-acceptable methods taught or used (2 pts. each, maximum 20 points): Aerial Photo Analysis \_\_\_\_\_  
Stream Habitat Inventory \_\_\_\_\_ Temperature \_\_\_\_\_ Sediment Sampling \_\_\_\_\_ Channel Profile \_\_\_\_\_  
Spawner Survey \_\_\_\_\_ Juvenile Biological Sampling \_\_\_\_\_ Structure Evaluation \_\_\_\_\_ V-star \_\_\_\_\_  
Other (list) \_\_\_\_\_ \_\_\_\_\_

Limiting factors addressed (2 pts. each): Water Quality \_\_\_\_\_ Water Quantity \_\_\_\_\_ Riparian \_\_\_\_\_  
Sediment \_\_\_\_\_ Spawning Habitat \_\_\_\_\_ Cover \_\_\_\_\_ Estuary \_\_\_\_\_ Passage \_\_\_\_\_ \_\_\_\_\_

Number of persons trained (1 point for each 10 persons with a maximum of 12 points) \_\_\_\_\_

### Total Section Two

\_\_\_\_\_

### Section Three: Cost/Benefit Acceptance

Project costs acceptable? Yes \_\_\_\_ No \_\_\_\_

If "No" can the project be done for less? (If "No" Score a "O" for Section Three) Yes \_\_\_\_ No \_\_\_\_

Describe how: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Total Section Three (Score 0 to 10 on requested funding): \_\_\_\_\_

### TOTAL SCORE

\_\_\_\_\_



**PRIORITY RATING SYSTEM FOR  
COOPERATIVE SALMONID REARING PROJECT PROPOSALS (RE)**

**The following DFG rating system or protocol is included so the proposer may review how the Department will score proposals.**

Each numbered item will be rated from "0" (the lowest score possible) to the highest score possible for that section according to the instructions given below. Rating values for all numbered items, with noted exceptions, will be totaled to give an overall priority rating for each proposed project.

1. Biological Soundness

- A. If the project would result in release of fingerling or yearling fish from local or other natural stocks approved by DFG into streams that have adequate surplus habitat to support the releases but inadequate natural production to make full use of available habitat, or if the project is in an area where spawning habitat has been destroyed or degraded but which has adequate rearing habitat, or in areas where planned habitat restoration activity will increase carrying capacity, give a rating of "20".
- B. If the project would result in release of fingerling or yearling fish from local or hatchery stocks into streams without surplus habitat or where the stock would be from other than the local stocks or stocks approved by DFG for release in the proposed stream, give a rating of "0".

**PROJECTS ASSIGNED A VALUE OF "0" FOR BIOLOGICAL SOUNDNESS WILL NOT BE CONSIDERED FOR FUNDING.**

The following cost standards for rearing salmon and steelhead have been established using information from past experience with cooperative rearing projects, and from DFG hatchery system operating cost records. Adherence to these standards in establishing priority ratings will help control DFG costs for cooperatively reared fish and provide uniform cost criteria that can be applied to all proposed rearing projects.

2. Production Cost Standards

- A. Assign a base value of "10".
- B. DFG standard costs for rearing salmonids are:
  - fingerlings ----- \$0.17/fish
  - yearlings ----- \$0.77/fish
- C. Contract costs exceeding the standard will be penalized by **subtracting** a maximum of 10 points from the base value as follows:
  - fingerlings ----- "-1" for each \$0.01 above the standard
  - yearlings ----- "-1" for each \$0.04 above the standard
- D. Contract costs below the standard will be rewarded by **adding** a maximum of 10 points to the base value as follows:
  - fingerlings ----- "+1" for each \$0.01 below the standard
  - yearlings ----- "+1" for each \$0.04 below the standard

**A SCORE OF ZERO FOR ITEM 2 AT THIS POINT WILL RESULT IN THE PROJECT BEING REMOVED FROM FUNDING CONSIDERATION.**

- E. To the score, if greater than zero, resulting from "a" through "d", **add** "5" to "9" points, if the proposed project has demonstrable monetary deeded wildlife easements, or in-kind support, including volunteer labor, from other sources of at least 50 percent of proposed project costs with no DFG monetary support needed in the future, as follows: 1) "5" points for 50 percent cost share; 2) "1" additional point for each 10 percent increase, to a maximum of "9" points for a 90 percent cost share, provided that the project as proposed is cost-effective, from the standpoint of TOTAL cost, including cost share and amount requested.

3. DFG Personnel Requirements

- A. If no DFG involvement is required besides routine inspections by the Contract Manager and routine disease control work assign a value of "10".
- B. If DFG assistance to the contractor, beyond routine inspections and disease control work, will be necessary (e.g., planting fish, moving fish, or frequent site visits to provide oversight and advice) assign a value from "1" to "9" points, reflecting the amount of additional DFG involvement anticipated (the value decreases with increasing DFG involvement) .

4. Contractor Past Performance

- A. If the contractor is new, or, if a repeat contractor has satisfactorily completed all the contract obligations in past contracts, assign a value of "10".
- B. If, within the past three years, the contractor has failed to comply with contract obligations, or has failed to demonstrate high professional standards, assign a value of "0". If you are unsure regarding past performance of a potential contractor, contact Mr. Michael Bird , telephone (916) 327-8842.

5. Technical Merit of Proposed Project

- A. Assign a base value of "10".
- B. If the project has substandard design and materials, an inadequate water supply, or requires excessive annual maintenance costs, **subtract** points from the base value as follows:
- marginal water supply ----- "-4"  
substandard facilities ----- "-2"  
high annual maintenance ----- "-1"
- C. If the project has a design, site, or water supply proven superior by past performance **add** points to the base value as follows:
- superior water supply ----- "+4"  
superior facilities ----- "+2"  
superior location ----- "+1"
- D. If the project is likely to provide additional fish for harvest without having negative effects on naturally reproducing populations, **add** "+5" to the rating value.

6. FINAL RATING - add scores of Items 1 - 5.

**PRIORITY RATING SYSTEM FOR  
COOPERATIVE SALMONID REARING PROJECT PROPOSAL (RE)**

PROJECT TITLE \_\_\_\_\_  
NAME(S) OF RATER(S) \_\_\_\_\_  
PROPOSAL # \_\_\_\_\_ TOTAL SCORE \_\_\_\_\_  
REGION \_\_\_\_\_ DATE \_\_\_\_\_

---

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1. Biological Soundness

0      20

2. Production Cost Standards

0      3      6      9      12      15      18      21      24      27      29

3. Department of Fish and Game Personnel Requirements

0      1      3      6      9      11      13      15      17      19

4. Contractor's Past Performance

0      10

5. Technical Merit of the Proposed Project

0      2      4      6      8      10      12      14      16      18      20      22

6. Total Score      \_\_\_\_\_

**Instructions:**

- (1) Circle the rating for each category.
- (2) Total the circled ratings from categories 1-5, and write the sum in item 6.
- (3) Write the name of the project, the names of the raters, date, proposal number, the total score, and region on the appropriate lines above.
- (4) For additional information, contact Mr. Michael Bird (916) 327-8842.

## **EXAMPLES OF STANDARDIZED COSTS**

- A. **Standardized costs for instream structures:** These standards are only to be used as a guide. The size of the stream, ease of access, and availability of materials will be considered in evaluating structure costs.
1. Anchored log structures will consist of logs of appropriate size for the stream they are to be placed in, but in no case less than a minimum of 12" in diameter and 10' in length.
    - a. Single digger logs (Figure VII-18) secured to boulders, bedrock or live trees standard costs of \$750.00. If a second log is included in the structure add \$750.00 to the standard cost.
    - b. Spider log structures consisting of three logs (Figure VII-19) standard cost of \$2,250.00.
    - c. Log weirs consisting of single logs including straight log weirs (Figure VII-27), diagonal log weirs (Figure VII-29) and upsurge log weirs (Figure VII-34) have a standard cost \$750.00.
    - d. Log weirs consisting of multiple logs including downstream log weirs (Figure VII-28), upstream log weirs (Figure VII-30), and opposing log deflectors over a sill log (Figure VII-32) have a standard cost of \$2,250.00.
  2. Boulder structures will consist of boulders of the size appropriate for the target stream flow and site. It in most streams, boulders included in weirs, clusters, and the apex of the wing deflectors should be a minimum of 3-foot in diameter.
    - a. With boulder weirs (Figure VII-21) or vortex boulder weirs (Figures VII-22, 23, 24) standard costs vary depending on the bankfull width of the stream, but are approximately \$2,000.00 per structure.
    - b. With boulder clusters (Figure VII-25) standard cost is \$250.00 per boulder.
    - c. With boulder wing deflectors (Figure-26) standard cost is \$2,250.00 per wing deflector.
- B. **Livestock exclusion fencing:** Fencing has a standard value of \$4.00 per linear foot.
- C. **Bank stabilization:** Stabilization projects have a standard value of \$50.00 per linear foot of installed rock or bioengineering techniques (see example figure VII-48, VII-59 and VII-60 in the DFG *California Salmonid Stream Habitat Restoration Manual* - Third Edition).
- D. **Rearing Projects:** Production costs used in evaluation of rearing proposals:
1. Fingerlings, short-term (0 to 1 month) ocean-pen-rearing of chinook salmon,  
and rearing rescued fish . . . . . \$0.17/fish
  2. Yearlings and long-term (2 to 6 months) ocean-pen-rearing of chinook salmon . . . . \$0.77/fish
- E. **Road erosion hazard inventory:** Up to \$800.00 per mile.
- F. **Sediment removal (deliverable to streams):** Up to \$15.00 per cubic yard.
- G. **Heavy Equipment:** DFG evaluators will compare proposed rates for heavy equipment budgeted with rental rates available in the project area from commercial rental vendors.

## **APPENDIX D**

### **MEMORANDUM OF UNDERSTANDING Among the**

**CALIFORNIA RESOURCES AGENCY,**

**Department of Fish and Game**

**and the**

**DEPARTMENT OF COMMERCE  
National Oceanic and Atmospheric Administration  
National Marine Fisheries Service (NMFS)**

regarding administration of the **Pacific Coastal Salmon Recovery Program**

#### **Section 1. Purpose**

The intent of this Memorandum of Understanding (MOU) among the California Resources Agency (hereinafter referred to as "Agency") by and through the Secretary for Resources (hereinafter referred to as "Secretary"), the Department of Fish and Game (hereinafter referred to as the "Department") (collectively these parties may be referred to as California "State"), and the U.S. Department of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service (NMFS) is to provide for the orderly and effective State allocation of funding from the federal Pacific Coastal Salmon Recovery Program to support eligible projects. Specifically, this MOU will provide a framework for how the nine million dollars provided to California in the Fiscal Year 2000 Consolidated Appropriation Act Public Law 106-113 (HR3194—as explained in the Conference Report (H. Rept. 106-479) to the Departments of Commerce, Justice, and State, the Judiciary and Related Agencies) from the Pacific Coastal Salmon Recovery Program (PCSRP) and transferred to the California Department of Fish and Game for use in the California Coastal Salmon Recovery Program (CCSRP) for funding eligible projects. This MOU will only apply to the above allocation. Future funds will be disseminated through an amended process to be determined. (see Section 13, Future Development)

The State will ensure that the CCSRП will only select projects that protect and restore and involve research regarding the anadromous salmonid species in California coastal rivers and streams including the Klamath/Trinity River Basins. Further, it is the intent of the parties to this MOU to encourage comprehensive conservation planning efforts that support coastal salmon recovery .

#### **Section 2. Authority and Reference**

(a) Nothing herein grants any party to this MOU powers and authorities that they do not otherwise possess under the constitutions, statutes, laws, and rules of the State of California or of the United States.

(b) Nothing herein limits or affects in any way the controlling authorities or obligations of the parties to this MOU.

(c) The authority for NMFS to enter into this MOU is 16 U.S.C. 1531 et seq. (the Endangered Species Act). NMFS also enters into this agreement in furtherance of Section 623 (d) (2) of Public Law 106-113 and as directed in the Conference Report to the Departments of Commerce, Justice, and State, the Judiciary and Related Agencies (H.Rep. 106-479). The authority for California to enter into this MOU is Fish and Game Code sections 1501, 1501.5 and 1802.

### **Section 3. Principles**

The following principles will be used to guide the selection of projects and allocation of funds for the CCSRP:

- (a) All projects shall be in furtherance of the goal of restoring anadromous salmonid species including the protection and restoration of and research on their freshwater and estuarine habitat.
- (b) All parties are committed to funding projects that are biologically and technically sound. The State places a high priority on development of a scientific process to guide restoration efforts. The Department is committed to the development of a scientific framework in concert with other public agencies and stakeholders to develop a comprehensive strategic program.
- (c) The parties are committed to a process that is open, accountable and considers the interests of the public.
- (d) First year funding shall emphasize projects that protect and restore habitat and lead to the recovery of anadromous salmonids.
- (e) Project proponents are encouraged to contract with local entities to assist with implementation.

### **Section 4. Geographical Range**

Projects must be located in coastal areas from the Mexican border to the Oregon border (excluding the Central Valley upstream from the Carquinez Bridge) for all streams that support, have supported or could support anadromous salmonids.

### **Section 5. Project Selection Process – Non-discretionary funds**

- (a) The non-discretionary funds will be allocated to projects awarded through a competitive process. The Department will issue a Request for Proposal (RFP) which will reflect the applicable guidelines in this MOU. The projects submitted will be reviewed by a Technical Team and then an Advisory Committee with the final recommendations given to the Director. The Technical Team and Advisory Committee are defined in Section 5 (c) and (d) respectively.
- (b) Proposals will be accepted from public agencies (including counties, cities, water districts and resource conservation districts), private entities, non-government organizations, applicants to the NMFS Community Based Restoration Program and Pacific Coastal tribes (as defined by the Secretary of Commerce).
- (c) The Director of the Department shall convene the technical review team for the Fishery Restoration Grant program consisting of Department technical staff as well as the California Department of Forestry and Fire Protection, California Department of Mines and Geology and other State department staff as needed; and National Marine Fisheries Service. The team

(hereinafter referred to as the Technical Team) will initially evaluate the projects based on technical merit and present a list to the Advisory Committee (see Section e).

- (d) Within 30 days of the signature of the MOU, the Director of the Department will appoint an Advisory Committee described in (e) below. The Advisory Committee will use the Principles described in Section 3, supra, and the Selection Criteria in Section 6 to develop a prioritized list of project proposals.
- (e) Nominations for Committee representation will be forwarded to the Director within 15 days of signing the MOU and the Director will select Committee membership within 30 days of the signing of the MOU. Nominations for membership will be accepted from the entities as noted below.

The Advisory Committee will be made up of the following members:

- ! 4 members recommended by the Citizens Advisory Committee on Salmon and Steelhead. This membership will include a representative from the north, central and southern portions of the coastal regions.
- ! One member of the scientific academic community with expertise in anadromous fisheries restoration recommended by the Citizens Advisory Committee on Salmon and Steelhead.
- ! One community watershed practitioner.
- ! One member from the conservation community.
- ! 4 members representing the counties (one member from each of the following areas-
  - Northern counties (nominations accepted from the 5 Northern County Group).
  - Central counties (nominations accepted from Fish Net 4C).
  - South central counties (San Luis Obispo, Ventura and Santa Barbara- nominations accepted from the South Central Regional Fish Advisory Group).
  - Southern counties (Los Angeles, Orange and San Diego nominations accepted from joint nominations from the Board of Supervisors of Los Angeles, Orange and San Diego Counties).
  - One person representing the public water agency interests to be nominated by the Association of California Water Agencies (ACWA).
  - One person representing timber interests.
  - One person representing agricultural interests.
- ! The following members shall be ex-officio:  
Department (chair), Agency, National Marine Fisheries Service, California Coastal Conservancy, State Water Resources Control Board, and other departments appointed by the Secretary.

- (f) The Advisory Committee shall provide to the Director a list of project proposals within 60 days from the convening of the Advisory Committee. Following consultation with the Secretary, the Director shall make the final determination within 30 days of submission of the prioritized list.

## **Section 6. Selection Criteria**

All projects must:

- ! Be scientifically and technically sound.
- ! Have permission from the landowner where applicable.

The following criteria will be used to further prioritize projects for funding. Projects are not required to meet all the criteria below. The Advisory Committee may choose to give greater weight to individual criteria.

1. The project demonstrates that it will remediate a known factor limiting salmonids.
2. The project supports one or more of the priorities listed in Exhibit A.

3. The project is capable of immediate implementation (in 2000 or 2001).
4. The project contracts with non-profit, for-profit and public entities in the region of the project whenever possible to assist with implementation if needed.
5. The project is cost effective.
6. The project is identified as high priority based on an adopted watershed assessment or a salmonid restoration /recovery plan if one is available.
7. The project is important from a regional/statewide perspective.
8. There is demonstrated local area stakeholder support.
9. The project demonstrates voluntary management measures for a significant land area within the watershed.
10. The project is durable (it will be monitored and maintained).

## **Section 7. Mitigation**

The CCSRP shall not include any project that is required mitigation under the California Environmental Quality Act (CEQA) or the National Environmental Policy Act (NEPA), California Forest Practices Act (FPA) or Section 404 of the Clean Water Act (CWA) for a separate project with environmental impacts. Projects would be eligible for funding if they satisfy the provisions of the MOU and are in compliance with existing laws, but are being proposed to meet subsequent changes in those laws.

Many projects that are otherwise eligible for these funds will require NEPA/CEQA or CWA 404 permits to proceed. Nothing in this provision shall be construed to exclude these projects from funding because such permits or processes are required.

## **Section 8. Discretionary Funds**

In response to the need to implement some "on the ground" projects by summer of 2000, up to 30% of the total monies available to the CCSRP may be allocated for projects at the discretion of the Director in consultation with the Secretary and the Regional Administrator of NMFS. Project selection will be based on the Principles outlined in section 3, supra, Criteria in Section 6, and program priorities in exhibit A. This funding shall not be subject to review by the Technical Team or Advisory Committee. These projects will be selected within 30 days of signing the MOU.

## **Section 9. Incidental Take**

This MOU does not address or authorize incidental take of listed anadromous salmonids that may result from the implementation of any project funded through this MOU.

## **Section 10. Administration**

- (a) The Secretary designates the Department as the lead department to receive the specified funds, administer the CCSRP, and carry out the terms of this MOU.
- (b) This MOU does not constitute a financial commitment on the part of any party. Financial support shall be subject to the budgetary and administrative procedures of NOAA and the State. Upon signing of the MOU, the Department shall develop a work plan and submit an application for federal assistance to NMFS in accordance with federal grant requirements.
- (c) No more than 3% of the federal funds shall be available for administrative costs. It is recognized



that this is not sufficient funding for effective and expedient administration of a program of this size. Thus, the State is pursuing additional administrative support for this program to ensure that funds are available for projects as soon as possible.

- (d) The State shall account to NOAA grants office, as a part of the annual report, for the 25% of non-federal match required by Public Law 106-113, Title VI, Section 623 (d) (3). Existing State funds such as the Salmon Steelhead Trout Restoration Account and the Coastal Conservancy Habitat Conservation Fund may be used as State match monies . (e) The Department shall encourage coordination of the CCSRP with other fishery restoration programs including the Salmon Steelhead Restoration Fund. The State may also use the amount of unrecovered indirect costs over the 3% limitation up to the amount of the approved rate.
- (f) The Department reserves the right to designate a fiscal agent such as the National Fish and Wildlife Foundation if their service is proven to provide a more expeditious and efficient means of implementing the MOU. If such an agent is chosen, the projects will still be selected according to the terms of the MOU. Accountability for implementation for all provisions of this MOU shall remain with the state notwithstanding any arrangement between state and NFWF or another fiscal agent.

## **Section 11. Reporting and Monitoring**

- (a) The Director shall report annually to Congress, NMFS, Chair of the State Senate Budget Committee, Chair of the State Assembly Budget Committee and the Chair of the Joint Committee on Fisheries and Aquaculture on the CCSRP, the results of salmon conservation and restoration activities, the effectiveness of the selection process, and the overall program.
- (b) The Department shall comply with all applicable state laws and regulations in administering the CCSRP including distributing the funds and tracking expenditures.
- (c) The Agency and the Department shall jointly develop indicators and/or performance measures to determine whether funded projects are meeting the goals set forth herein.

## **Section 12. Amendments and Termination**

- (a) This MOU is effective as of the date it is signed by all parties.
- (b) The MOU may be amended at any time by written agreement between the Secretary, the Director of the Department and the Regional Administrator of the NMFS. Any significant amendments to this MOU shall be subject to public review. This MOU may be terminated by either the Secretary, the Director of the Department or the Regional Administrator of NMFS upon six months written notice to the other Party.
- (c) The obligations of the parties to this MOU are contingent upon appropriation of necessary funds by the Congress of the United States, with respect to NOAA/NMFS, and the California State Legislature with respect to California, and subject to budgetary limitations which may arise.
- (d) In the event a dispute arises involving the terms of this MOU, the Secretary, Director of the Department, and the Regional Administrator of NMFS shall meet and resolve the matter.
- (e) This MOU is not intended to confer benefits upon, or be subject to enforcement by third parties.

- (f) If any part of this MOU is determined to be in violation of law, all other parts not so determined shall remain in full force and effect.

### **Section 13. Future Developments**

#### **Development of a Scientific Framework:**

The parties place a high priority on development of a scientific framework to guide restoration efforts. This task is identified as an important program priority in the California Coastal Salmon and Watershed Plan.

#### **Future Fund Availability:**

This MOU acknowledges that there are likely to be continued efforts to prescribe an allocation process for future federal funding through the State legislative process. The Department in concert with other government agencies and stakeholders will continue to develop a comprehensive program. Although the emphasis on the first year funds is "on the ground" projects, it is recognized that technical assistance and training are also important elements in salmonid restoration and are eligible projects for future year funds.

<u>/s/ Mary D. Nichols</u>	<u>5-24-00</u>
Mary D. Nichols	Date
Secretary for Resources	
State of California	

<u>/s/ Robert C. Hight</u>	<u>5-17-00</u>
Robert C. Hight	Date
Director	
Department of Fish and Game	

<u>/s/ Rodney R. McInnis</u>	<u>5-25-00</u>
Rodney R. McInnis	Date
Acting Regional Administrator	
Southwest Region, NMFS	

Exhibit A.

Eligible Projects: The following are examples of project types that would be eligible for funding in the CCSRP:

1. Fish passage improvement projects. (e.g. culvert repair and replacements, check dam/small dam removal, and construction of fishways).
2. Conservation easement and other incentive program projects that are consistent with the principles, screening criteria requirements, and other guidelines in this MOU.
3. Projects that protect and improve water quality and quantity, including acquisition of water from willing sellers.
4. Capacity building within regional/county efforts. (e.g. Fish Net 4C, 5 Northern County Group and south central and southern groups.)
5. Development of a scientific framework for future funding years.
6. Coastwide demonstration project such as the Redwood Creek proposal in Humboldt County.
7. Where the State uses existing granting authority under FGC 1501.5(b); required engineering design work, road surfacing and other activities associated with the project will be allowed as an eligible cost.
8. Research projects that advance the science of anadromous fish recovery and result in recommendations for restoration and management activities. This could include descriptions of fish population abundance, distribution, presence/absence and biological response to habitat modifications.
9. Monitoring projects that use protocols approved by DFG and NMFS that provide baseline and/or trend data for anadromous fish populations or physical factors known to be limiting their recovery.
10. Acquire from willing seller's permanent easement or fee title to riparian buffer strips along coastal rivers and streams to protect key salmon and steelhead refugia.
11. Upslope projects that protect and restore aquatic habitat, including remediation and erosion prevention and control projects.
12. Protection of key and refugia watersheds.
13. Projects that protect and restore riparian corridors.
14. Assessment projects, founded on accepted scientific methodology, that will develop site-specific habitat protection or restoration prescriptions.
15. Education projects that directly support local salmonid habitat protection restoration and recovery efforts.
16. TMDL implementation plans. (e.g. ranch plans).
17. In-stream habitat restoration projects including large woody debris projects.
18. Artificial propagation programs designed to restore depleted stocks of salmonids that comply with the directives of the joint Department/NMFS hatchery operation review committee.

**APPENDIX E**  
**PERTINENT STATUTES AND POLICIES**

<b>Fish and Game Code, Section 1501.5 (DFG Granting and Contracting Authority) .....</b>	<b>E2</b>
<b>Costa-Machado Water Act of 2000 (aka Prop 13, Chapter 6, Article 7) .....</b>	<b>E3</b>
<b>Public Contract Code, Section 103444 .....</b>	<b>E4</b>
<b>Fish and Game Code, Sections 1200 - 1206 (Cooperative Rearing Law) .....</b>	<b>E5</b>
<b>Cooperatively Operated Rearing Programs for Salmon and Steelhead (Fish and Game Commission Policy) .....</b>	<b>E6</b>

**FISH AND GAME CODE, SECTION 1501.5**  
**(DFG Granting and Contracting Authority)**

1501.5. (a) The department may enter into contracts for fish and wildlife habitat preservation, restoration, and enhancement with public and private entities whenever the department finds that the contracts will assist in meeting the department's duty to preserve, protect, and restore fish and wildlife.

(b) The department may grant funds for fish and wildlife habitat preservation, restoration, and enhancement to public agencies, Indian tribes, and nonprofit entities whenever the department finds that the grants will assist it in meeting its duty to preserve, protect, and restore fish and wildlife.

(c) Contracts authorized under this section are contracts for services and are governed by Article 4 (commencing with Section 10335) of Chapter 2 of Part 2 of Division 2 of the Public Contract Code. No work under this section is public work or a public improvement, and is not subject to Chapter 1 (commencing with Section 1720) of Part 7 of Division 2 of the Labor Code.

(d) This section does not apply to contracts for any of the following:

- (1) Construction of office, storage, garage, or maintenance buildings.
- (2) Drilling wells and installation of pumping equipment.
- (3) Construction of permanent hatchery facilities, including raceways, water systems, and bird exclosures.
- (4) Construction of permanent surfaced roadways and bridges.
- (5) Any project requiring engineered design or certification by a registered engineer.
- (6) Any contract, except contracts with public agencies, nonprofit organizations, or Indian tribes that exceed fifty thousand dollars (\$50,000) in cost, excluding the cost for gravel, for fish and wildlife habitat preservation, restoration, and enhancement for any one of the following:
  - (A) Fish screens, weirs, and ladders.
  - (B) Drainage or other watershed improvements.
  - (C) Gravel and rock removal or placement.
  - (D) Irrigation and water distribution systems.
  - (E) Earthwork and grading.
  - (F) Fencing.
  - (G) Planting trees or other habitat vegetation.
  - (H) Construction of temporary storage buildings.

**SAFE DRINKING WATER, CLEAN WATER, WATERSHED PROTECTION, AND FLOOD PROTECTION BOND ACT  
(Proposition 13, March 2000)**

The initiative added Division 26 (commencing with section 79000) to the State Water Code. This new Division contains several chapters and articles, including::

79000. This division shall be known and may be cited as the Costa-Machado Water Act of 2000.

**CHAPTER 6. WATERSHED PROTECTION PROGRAM**

Article 7. Coastal Watershed Salmon Habitat Program (text of statute reprinted below)

79104.200. (a) There is hereby created in the account the Coastal Watershed Salmon Habitat Subaccount.

(b) For the purpose of this article, "subaccount" means the Coastal Watershed Salmon Habitat Subaccount created by subdivision (a).

79104.202. The sum of twenty-five million dollars (\$25,000,000) is hereby transferred from the account to the subaccount for the purposes of implementing this article.

79104.204. The money in the subaccount, upon appropriation by the Legislature to the Department of Fish and Game, shall be used by the Department of Fish and Game for direct expenditure and for grants to public agencies and nonprofit organizations to protect, restore, acquire, and enhance habitat for salmon. These funds may be used to match federal funding available for those purposes.

79104.206. Not more than 3 percent of the total amount deposited in the subaccount may be used to pay the costs incurred in connection with the administration of this article.

## **PUBLIC CONTRACT CODE, SECTION 10344**

10344. (a) Contracts subject to the provisions of this article may be awarded under a procedure which makes use of a request for proposal. State agencies which use this procedure shall include in the request for proposal a clear, precise description of the work to be performed or services to be provided, a description of the format which proposals shall follow and the elements they shall contain, the standards the agency will use in evaluating proposals, the date on which proposals are due and the timetable the agency will follow in reviewing and evaluating them. State agencies which use a procedure which makes use of a request for proposal shall evaluate proposals and award contracts in accordance with the provisions of subdivision (b) or (c). No proposals shall be considered which have not been received at the place, and prior to the closing time, stated in the request for proposal.

(b) State agencies which use the evaluation and selection procedure in this subdivision shall include in the request for proposal, in addition to the information required by subdivision (a), a requirement that bidders submit their proposals with the bid price and all cost information in a separate, sealed envelope. Proposals shall be evaluated and the contract awarded in the following manner: (1) All proposals received shall be reviewed to determine those which meet the format requirements and the standards specified in the request for proposal. (2) The sealed envelopes containing the bid price and cost information for those proposals which meet the format requirements and standards shall then be publicly opened and read. (3) The contract shall be awarded to the lowest responsible bidder meeting the standards.

(c) State agencies which use the evaluation and selection procedure in this subdivision shall include in the request for proposal, in addition to the information required by subdivision (a), a description of the methods which will be used in evaluating and scoring the proposals. Any evaluation and scoring method shall ensure that substantial weight in relationship to all other criteria utilized shall be given to the contract price proposed by the bidder. Proposals shall be evaluated and the contract awarded in the following manner:

(1) All proposals shall be reviewed to determine which meet the format requirements specified in the request for proposal.

(2) All proposals meeting the formal requirements shall then be submitted to an agency evaluation committee which shall evaluate and score the proposals using the methods specified in the request for proposal. All proposals and all evaluation and scoring sheets shall be available for public inspection at the conclusion of the committee scoring process.

(3) The contract shall be awarded to the bidder whose proposal is given the highest score by the evaluation committee.

(d) Nothing in this section shall require the awarding of the contract if no proposals are received containing bids offering a contract price which in the opinion of the state agency is a reasonable price.

## **Article 6. Cooperative Salmon and Steelhead Rearing Facilities**

### **1200. Rearing facilities; agreements.**

The department is authorized to enter into agreements with counties, nonprofit groups, private persons, individually or in combination, for the management and operation of rearing facilities for salmon and steelhead. All such agreements shall be in accordance with the policies of the commission and the criteria of the department which govern the operation under such agreements.

The purpose for operating such facilities shall be to provide additional fishing resources and to augment natural runs.

### **1201. Financial ability; demonstration.**

An applicant who wishes to enter into an agreement to operate a rearing facility shall demonstrate, to the satisfaction of the department prior to executing such agreement, such applicant's financial ability to properly operate the rearing facility. The department shall develop and specify the means for an applicant to make such a demonstration.

### **1202. Fish; when property of State.**

All fish handled or released under authority of this article are the property of the State and may be taken only after their release into the wild and under the authority of a sport or commercial fishing license.

### **1203. Fish release in accordance with policy.**

The release of fish reared in facilities pursuant to this article shall be made in accordance with the policy of the commission.

### **1204. Funding.**

The department shall fund the agreements provided for in Section 1200 only on a matching basis with the person or entities who enter into such agreements. Funds appropriated for the purposes of this article shall not be used to purchase equipment or for construction.

The department shall be reimbursed from funds appropriated for the purposes of this article for administrative costs, legal costs, and supervisorial costs relating to the execution and supervision of such agreements by the department.

### **1205. Department responsibilities as to fish size, etc. according to agreement.**

The department shall, subject to the limitations of appropriate egg sources and funding, make available fish of appropriate size and species to persons or entities who enter into agreements pursuant to this article.

### **1206. Salmon, etc. release at Point Conception.**

Salmon and steelhead raised pursuant to this article shall be released in streams, rivers, or waters, north of Point Conception and upon release shall have unimpeded access to the sea.



## **COOPERATIVELY OPERATED REARING PROGRAMS FOR SALMON AND STEELHEAD**

It is the policy of the Fish and Game Commission that:

- I. The State's salmon and steelhead resources may be used to support cooperative rearing programs. Rearing programs may be of two types: (1) those that grow fish for use in accelerating the restoration/rehabilitation of depleted wild populations in under seeded habitat and (2) those that are dedicated solely to growing fish for harvest. The following constraints apply to both types:
  - A. Only those fish surplus to the needs of the Department's programs shall be utilized for such programs and allocation shall be based on past performance and the Department's evaluation of the potential of proposed new programs.
  - B. The suitability and acceptance or rejection of proposed programs shall be determined by the Department, after reviewing a written proposal. A written project and management plan providing for evaluation and covering a period of five years must be evaluated and approved by the Department. Prior to reauthorization the Department must determine that the project is in compliance with the approved plan and continuance of the program is in the best interest of the State's fishery resources.
  - C. Routine care and food costs shall be the financial responsibility of the sponsoring entity. The Department shall provide technical advice and special assistance as appropriate.
  - D. Fish raised in these programs shall not be stocked in, or brood stock captured from, waters where the Department has determined that adverse effects to native fish populations or other aquatic species may result.
- II. The bulk of the State's salmon and steelhead resources shall be produced naturally. The State's goals of maintaining and increasing natural production take precedence over the goals of cooperatively operated rearing programs.